

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: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626543 (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-727-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N11  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

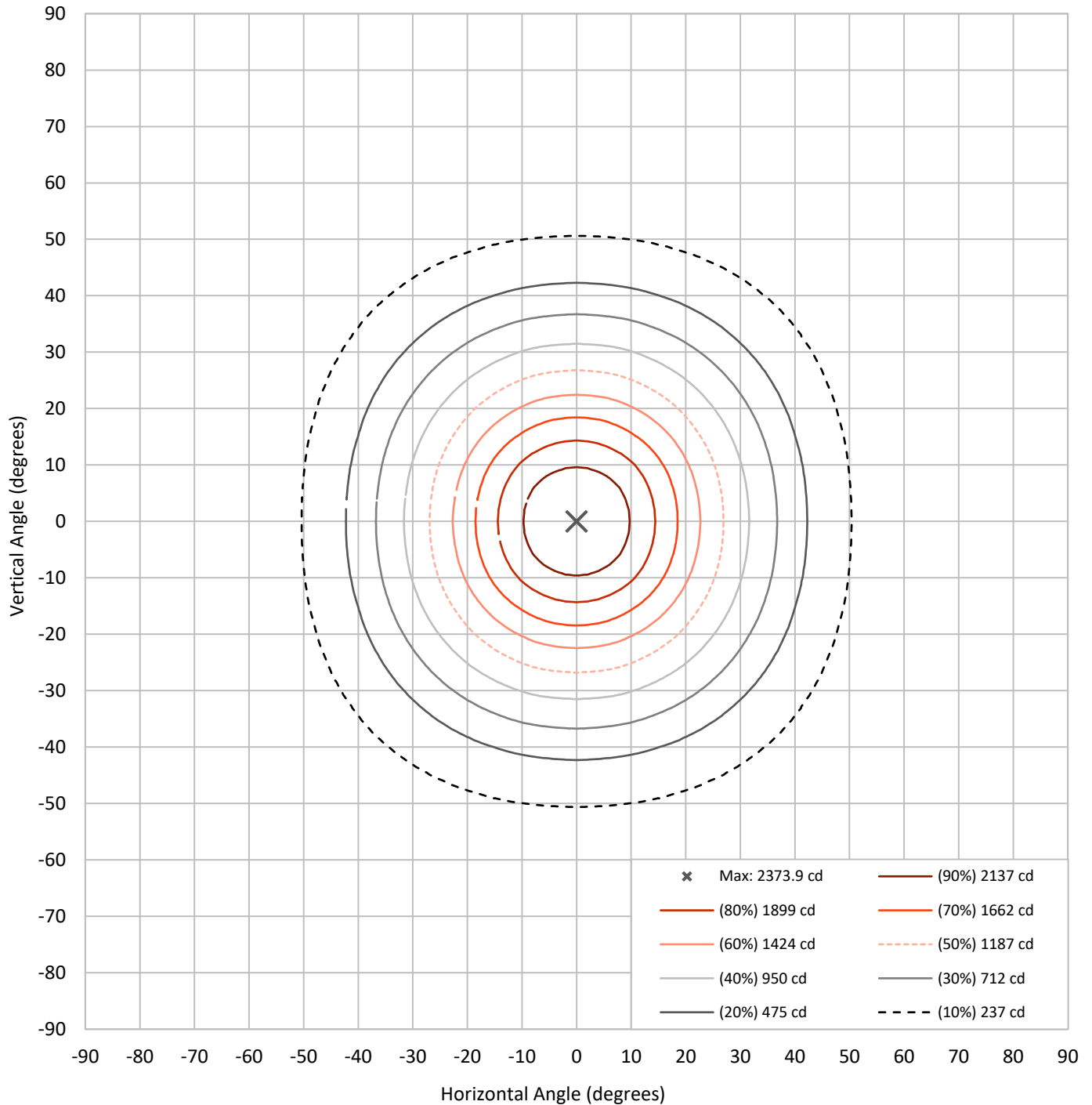
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2416 lumens	Max Intensity:	2373.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.5 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:	1155.2 lumens	Field Lumens:	2132.2 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





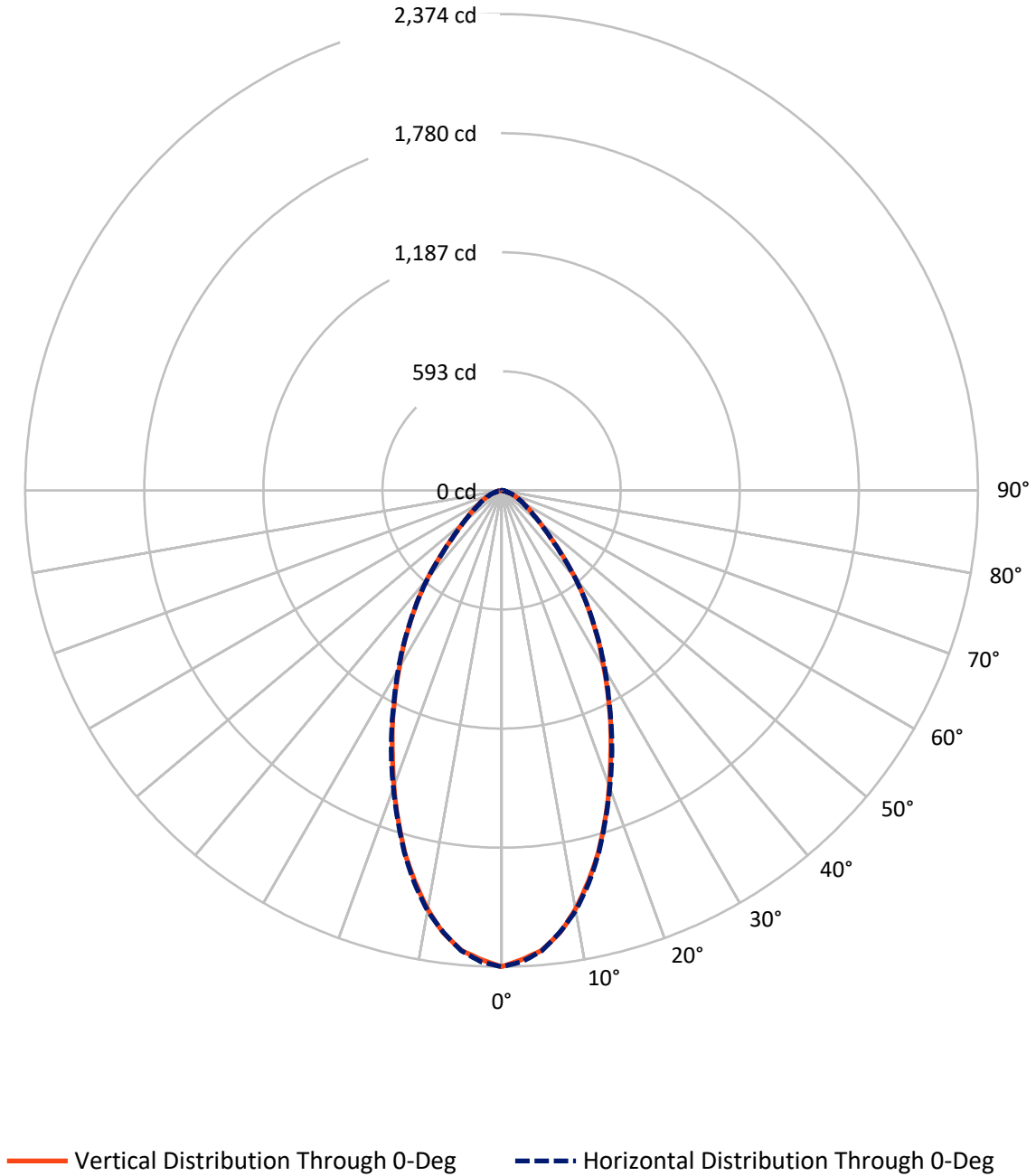
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### Lumen Table

90																			
80	0.1	0.7		1.5		2.5		2.2		2.5		1.5		0.7		0.1			
70																			
60	0.3	0.4	0.7	1.1	1.6	2.1	2.5	2.6	2.6	2.5	2.1	1.6	1.1	0.7	0.4	0.3			
50		0.5	1.0	1.8	2.8	3.8	4.8	5.3	5.3	4.8	3.8	2.8	1.8	1.0	0.5				
40	0.5	0.7	1.4	2.7	4.6	7.0	9.7	11.4	11.4	9.7	7.0	4.6	2.7	1.4	0.7	0.5			
30		0.8	1.9	3.9	7.7	13.6	19.8	23.4	23.4	19.8	13.6	7.7	3.9	1.9	0.8				
20	0.5	0.9	2.4	5.5	12.4	22.3	31.8	38.1	38.1	31.8	22.3	12.4	5.5	2.4	0.9	0.5			
10		1.0	2.8	7.1	16.9	30.0	44.4	54.6	54.6	44.4	30.0	16.9	7.1	2.8	1.0				
0	0.6	1.1	3.0	8.2	19.5	34.9	53.2	66.9	66.9	53.2	34.9	19.5	8.2	3.0	1.1	0.6			
-10		1.1	3.0	8.2	19.5	34.9	53.2	66.9	66.9	53.2	34.9	19.5	8.2	3.0	1.1				
-20	0.5	1.0	2.8	7.1	16.9	30.0	44.4	54.6	54.6	44.4	30.0	16.9	7.1	2.8	1.0	0.5			
-30		0.9	2.4	5.5	12.4	22.3	31.8	38.1	38.1	31.8	22.3	12.4	5.5	2.4	0.9				
-40	0.5	0.8	1.9	3.9	7.7	13.6	19.8	23.4	23.4	19.8	13.6	7.7	3.9	1.9	0.8	0.5			
-50		0.7	1.4	2.7	4.6	7.0	9.7	11.4	11.4	9.7	7.0	4.6	2.7	1.4	0.7				
-60	0.3	0.5	1.0	1.8	2.8	3.8	4.8	5.3	5.3	4.8	3.8	2.8	1.8	1.0	0.5	0.3			
-70		0.4	0.7	1.1	1.6	2.1	2.5	2.6	2.6	2.5	2.1	1.6	1.1	0.7	0.4				
-80																			
-90	0.1	0.7		1.5		2.5		2.2		2.5		1.5		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

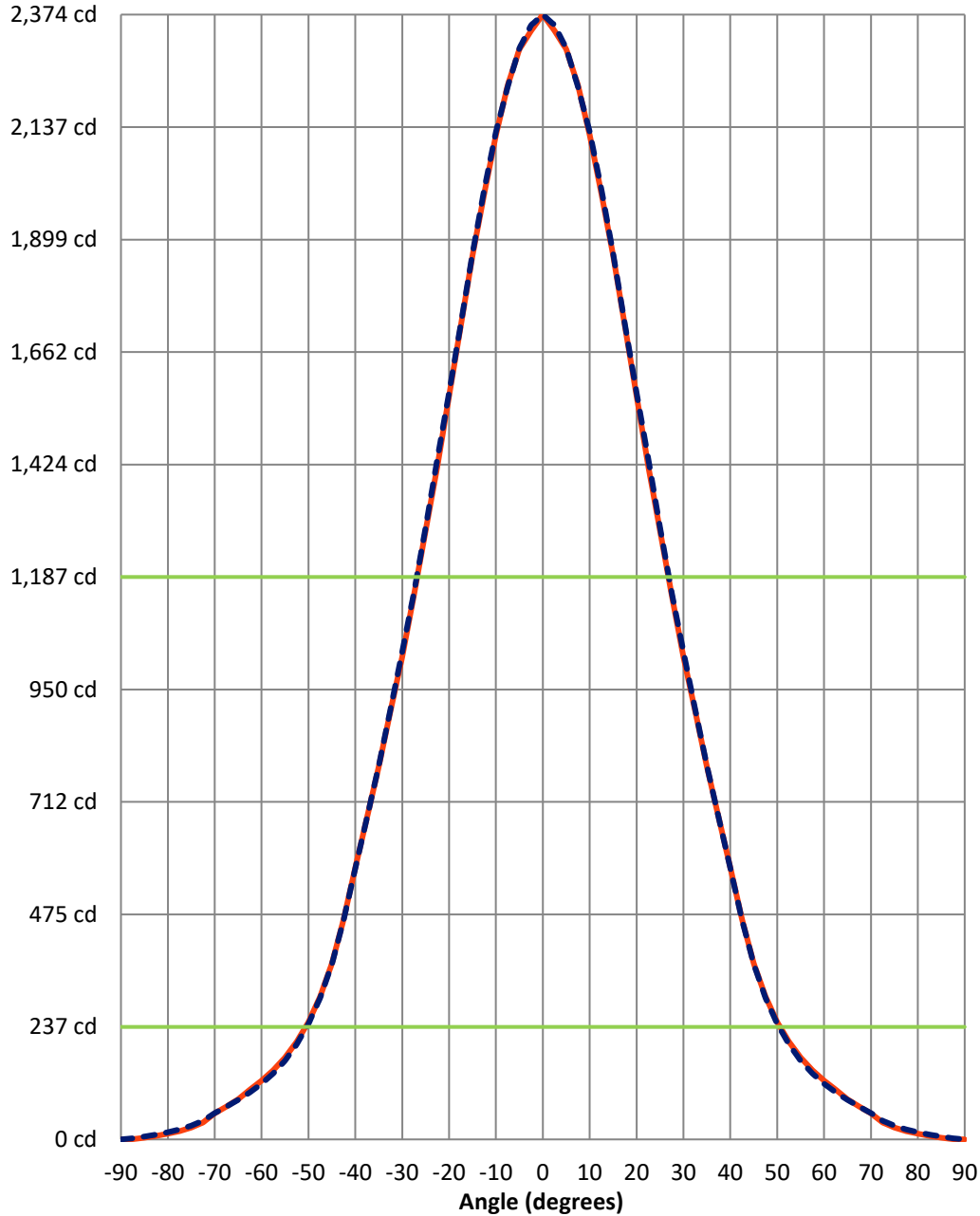
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 1155.2  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 2132.2  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 283.8  
 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	0.3	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.5
85°	0.0	0.2	0.6	0.9	1.3	1.8	2.3	2.5	2.7	2.9	3.0
82.5°	0.0	0.4	0.8	1.4	2.0	2.6	3.4	3.8	4.1	4.8	5.3
80°	0.0	0.5	1.1	1.8	2.6	3.5	4.6	5.7	6.6	7.5	8.3
77.5°	0.0	0.6	1.4	2.3	3.2	4.6	6.5	8.0	9.1	10.2	11.3
75°	0.0	0.7	1.6	2.7	3.9	5.9	8.4	10.2	11.7	13.1	14.7
72.5°	0.0	0.8	1.9	3.1	4.9	7.3	10.2	12.4	14.2	16.1	18.0
70°	0.0	0.9	2.1	3.6	5.7	8.6	12.0	14.6	16.7	18.9	21.6
67.5°	0.0	1.0	2.4	4.1	6.6	9.8	13.5	16.6	19.1	21.9	25.1
65°	0.0	1.1	2.6	4.6	7.4	10.9	14.9	18.7	21.5	24.8	28.4
62.5°	0.0	1.2	2.9	5.1	8.2	12.0	16.3	20.6	23.8	27.6	31.5
60°	0.0	1.3	3.1	5.6	8.9	13.0	17.6	22.4	26.0	30.2	34.5
57.5°	0.0	1.4	3.3	6.0	9.6	13.9	18.8	24.0	28.2	32.7	37.2
55°	0.0	1.5	3.6	6.4	10.2	14.7	19.8	25.3	30.4	35.2	39.9
52.5°	0.0	1.6	3.8	6.8	10.8	15.5	20.8	26.7	32.5	37.6	42.5
50°	0.0	1.7	4.1	7.1	11.3	16.2	21.7	28.1	34.5	39.9	45.3
47.5°	0.0	1.8	4.3	7.4	11.8	16.8	22.5	29.3	36.5	42.1	48.1
45°	0.0	1.9	4.5	7.7	12.2	17.4	23.4	30.3	37.9	44.5	50.8
42.5°	0.0	1.9	4.7	8.0	12.5	17.9	24.2	31.4	39.2	46.8	53.6
40°	0.0	2.0	4.9	8.3	12.9	18.3	24.9	32.5	40.5	49.0	56.2
37.5°	0.0	2.0	5.1	8.6	13.1	18.7	25.5	33.4	41.9	50.7	58.8
35°	0.0	2.1	5.2	8.8	13.4	19.0	26.0	34.2	43.3	52.6	61.4
32.5°	0.0	2.1	5.4	9.1	13.6	19.4	26.5	35.0	44.6	54.5	64.1
30°	0.0	2.2	5.5	9.3	13.7	19.7	27.0	35.7	45.8	56.4	66.6
27.5°	0.0	2.2	5.6	9.5	14.0	19.9	27.5	36.6	47.1	58.3	68.9
25°	0.0	2.3	5.7	9.7	14.3	20.0	27.8	37.4	48.5	60.2	71.1
22.5°	0.0	2.3	5.8	9.9	14.5	20.1	28.0	38.0	49.8	61.9	73.6
20°	0.0	2.3	5.9	10.0	14.7	20.5	28.2	38.6	51.1	63.5	75.7
17.5°	0.0	2.3	6.0	10.1	14.9	20.8	28.5	39.1	52.3	64.9	77.6
15°	0.0	2.3	6.0	10.2	15.0	21.0	28.9	39.6	53.4	66.1	79.3
12.5°	0.0	2.3	6.0	10.2	15.1	21.2	29.1	40.0	54.3	67.0	80.6
10°	0.0	2.3	6.1	10.2	15.2	21.3	29.3	40.2	55.0	67.9	81.7
7.5°	0.0	2.3	6.1	10.2	15.2	21.3	29.4	40.2	55.4	68.5	82.6
5°	0.0	2.3	6.1	10.2	15.2	21.3	29.3	40.1	55.7	68.9	83.1
2.5°	0.0	2.3	6.0	10.2	15.2	21.2	29.2	39.8	55.7	69.1	83.4
0°	0.0	2.3	6.0	10.1	15.1	21.1	29.0	39.4	55.5	69.1	83.4
-2.5°	0.0	2.3	6.0	10.2	15.2	21.2	29.2	39.8	55.7	69.1	83.4
-5°	0.0	2.3	6.1	10.2	15.2	21.3	29.3	40.1	55.7	68.9	83.1
-7.5°	0.0	2.3	6.1	10.2	15.2	21.3	29.4	40.2	55.4	68.5	82.6
-10°	0.0	2.3	6.1	10.2	15.2	21.3	29.3	40.2	55.0	67.9	81.7
-12.5°	0.0	2.3	6.0	10.2	15.1	21.2	29.1	40.0	54.3	67.0	80.6
-15°	0.0	2.3	6.0	10.2	15.0	21.0	28.9	39.6	53.4	66.1	79.3
-17.5°	0.0	2.3	6.0	10.1	14.9	20.8	28.5	39.1	52.3	64.9	77.6
-20°	0.0	2.3	5.9	10.0	14.7	20.5	28.2	38.6	51.1	63.5	75.7

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CATALOG NUMBER: GFLD-SA1A-727-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	2.3	5.8	9.9	14.5	20.1	28.0	38.0	49.8	61.9	73.6
-25°	0.0	2.3	5.7	9.7	14.3	20.0	27.8	37.4	48.5	60.2	71.1
-27.5°	0.0	2.2	5.6	9.5	14.0	19.9	27.5	36.6	47.1	58.3	68.9
-30°	0.0	2.2	5.5	9.3	13.7	19.7	27.0	35.7	45.8	56.4	66.6
-32.5°	0.0	2.1	5.4	9.1	13.6	19.4	26.5	35.0	44.6	54.5	64.1
-35°	0.0	2.1	5.2	8.8	13.4	19.0	26.0	34.2	43.3	52.6	61.4
-37.5°	0.0	2.0	5.1	8.6	13.1	18.7	25.5	33.4	41.9	50.7	58.8
-40°	0.0	2.0	4.9	8.3	12.9	18.3	24.9	32.5	40.5	49.0	56.2
-42.5°	0.0	1.9	4.7	8.0	12.5	17.9	24.2	31.4	39.2	46.8	53.6
-45°	0.0	1.9	4.5	7.7	12.2	17.4	23.4	30.3	37.9	44.5	50.8
-47.5°	0.0	1.8	4.3	7.4	11.8	16.8	22.5	29.3	36.5	42.1	48.1
-50°	0.0	1.7	4.1	7.1	11.3	16.2	21.7	28.1	34.5	39.9	45.3
-52.5°	0.0	1.6	3.8	6.8	10.8	15.5	20.8	26.7	32.5	37.6	42.5
-55°	0.0	1.5	3.6	6.4	10.2	14.7	19.8	25.3	30.4	35.2	39.9
-57.5°	0.0	1.4	3.3	6.0	9.6	13.9	18.8	24.0	28.2	32.7	37.2
-60°	0.0	1.3	3.1	5.6	8.9	13.0	17.6	22.4	26.0	30.2	34.5
-62.5°	0.0	1.2	2.9	5.1	8.2	12.0	16.3	20.6	23.8	27.6	31.5
-65°	0.0	1.1	2.6	4.6	7.4	10.9	14.9	18.7	21.5	24.8	28.4
-67.5°	0.0	1.0	2.4	4.1	6.6	9.8	13.5	16.6	19.1	21.9	25.1
-70°	0.0	0.9	2.1	3.6	5.7	8.6	12.0	14.6	16.7	18.9	21.6
-72.5°	0.0	0.8	1.9	3.1	4.9	7.3	10.2	12.4	14.2	16.1	18.0
-75°	0.0	0.7	1.6	2.7	3.9	5.9	8.4	10.2	11.7	13.1	14.7
-77.5°	0.0	0.6	1.4	2.3	3.2	4.6	6.5	8.0	9.1	10.2	11.3
-80°	0.0	0.5	1.1	1.8	2.6	3.5	4.6	5.7	6.6	7.5	8.3
-82.5°	0.0	0.4	0.8	1.4	2.0	2.6	3.4	3.8	4.1	4.8	5.3
-85°	0.0	0.2	0.6	0.9	1.3	1.8	2.3	2.5	2.7	2.9	3.0
-87.5°	0.0	0.1	0.3	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA1A-727-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°	1.5	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.1	1.2
85°	3.0	3.0	3.3	3.5	3.6	3.6	3.5	3.4	3.8	4.3	4.9
82.5°	5.9	6.4	6.9	7.3	7.4	7.3	7.0	6.8	7.7	8.8	9.9
80°	9.0	9.8	10.7	11.5	11.6	11.6	11.3	10.9	12.1	13.8	15.6
77.5°	12.6	13.7	14.8	15.9	16.2	16.1	16.0	15.6	17.2	19.5	21.9
75°	16.2	17.7	19.1	20.4	20.9	21.0	21.0	21.3	23.3	26.0	28.4
72.5°	20.1	22.0	23.6	25.0	25.8	26.5	27.4	28.5	30.5	33.2	35.5
70°	24.2	26.3	28.0	29.5	30.8	32.3	34.2	36.0	38.1	40.8	43.2
67.5°	28.3	30.3	32.2	34.1	36.6	38.9	41.2	43.6	46.3	49.1	51.5
65°	32.0	34.3	36.7	39.4	42.6	45.3	48.1	51.2	54.7	57.8	60.7
62.5°	35.5	38.2	41.1	44.5	47.9	51.2	55.0	59.0	63.1	67.0	70.9
60°	38.5	41.9	45.4	49.2	53.1	57.6	62.1	66.9	71.7	76.5	81.3
57.5°	41.5	45.6	49.7	54.0	59.0	64.1	69.5	74.8	80.6	86.4	91.9
55°	44.5	49.3	54.0	59.2	64.8	70.8	76.9	83.4	89.9	97.1	103.7
52.5°	47.7	53.0	58.4	64.4	71.0	77.7	84.9	92.4	100.3	108.4	116.5
50°	50.9	56.8	62.8	70.0	77.3	85.1	93.3	102.0	111.3	120.7	130.5
47.5°	54.2	60.4	67.9	75.6	84.0	92.9	102.2	112.5	122.9	134.6	145.9
45°	57.4	64.6	72.7	81.7	90.9	100.8	111.9	123.3	136.5	149.8	164.7
42.5°	60.5	68.9	78.0	87.5	98.0	109.5	121.8	136.1	151.0	167.4	184.8
40°	64.1	72.9	83.2	93.8	105.2	118.3	133.1	149.0	167.2	186.6	206.4
37.5°	67.6	77.5	88.3	99.9	113.1	127.9	144.1	163.6	184.6	206.6	233.6
35°	70.8	81.8	93.5	106.2	120.6	137.7	157.1	178.7	202.8	231.3	262.8
32.5°	74.3	85.9	98.5	112.8	129.0	147.6	169.8	195.2	223.7	256.1	295.5
30°	77.8	90.1	103.4	118.9	136.9	158.5	183.7	211.7	244.6	285.2	331.4
27.5°	81.0	94.1	108.6	125.4	144.7	168.5	197.0	229.9	268.6	314.5	368.5
25°	84.0	97.7	113.5	131.5	153.2	179.4	210.2	246.6	292.6	347.4	413.8
22.5°	86.8	100.9	117.8	137.1	160.9	189.9	224.6	266.2	317.1	378.5	458.3
20°	89.4	104.5	122.1	142.4	167.8	199.3	237.8	284.5	342.4	415.2	501.8
17.5°	91.7	107.6	126.2	148.1	175.4	208.9	250.2	300.7	364.9	447.9	541.9
15°	93.7	110.3	129.7	153.1	182.3	218.5	263.3	318.4	388.4	477.6	577.2
12.5°	95.4	112.5	132.6	157.3	188.0	226.5	274.4	334.2	411.3	505.6	608.2
10°	96.7	114.3	135.0	160.7	192.7	233.1	283.6	347.1	430.4	529.6	634.3
7.5°	97.9	115.8	136.9	163.2	196.2	238.1	290.8	357.1	445.2	548.6	654.4
5°	98.6	116.8	138.3	165.0	198.8	241.6	295.8	364.0	455.8	562.4	668.2
2.5°	99.1	117.3	139.1	166.0	200.4	243.6	298.4	368.4	461.6	570.2	676.5
0°	99.2	117.4	139.3	166.1	200.8	243.9	298.8	369.8	462.9	572.3	679.5
-2.5°	99.1	117.3	139.1	166.0	200.4	243.6	298.4	368.4	461.6	570.2	676.5
-5°	98.6	116.8	138.3	165.0	198.8	241.6	295.8	364.0	455.8	562.4	668.2
-7.5°	97.9	115.8	136.9	163.2	196.2	238.1	290.8	357.1	445.2	548.6	654.4
-10°	96.7	114.3	135.0	160.7	192.7	233.1	283.6	347.1	430.4	529.6	634.3
-12.5°	95.4	112.5	132.6	157.3	188.0	226.5	274.4	334.2	411.3	505.6	608.2
-15°	93.7	110.3	129.7	153.1	182.3	218.5	263.3	318.4	388.4	477.6	577.2
-17.5°	91.7	107.6	126.2	148.1	175.4	208.9	250.2	300.7	364.9	447.9	541.9
-20°	89.4	104.5	122.1	142.4	167.8	199.3	237.8	284.5	342.4	415.2	501.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	86.8	100.9	117.8	137.1	160.9	189.9	224.6	266.2	317.1	378.5	458.3
-25°	84.0	97.7	113.5	131.5	153.2	179.4	210.2	246.6	292.6	347.4	413.8
-27.5°	81.0	94.1	108.6	125.4	144.7	168.5	197.0	229.9	268.6	314.5	368.5
-30°	77.8	90.1	103.4	118.9	136.9	158.5	183.7	211.7	244.6	285.2	331.4
-32.5°	74.3	85.9	98.5	112.8	129.0	147.6	169.8	195.2	223.7	256.1	295.5
-35°	70.8	81.8	93.5	106.2	120.6	137.7	157.1	178.7	202.8	231.3	262.8
-37.5°	67.6	77.5	88.3	99.9	113.1	127.9	144.1	163.6	184.6	206.6	233.6
-40°	64.1	72.9	83.2	93.8	105.2	118.3	133.1	149.0	167.2	186.6	206.4
-42.5°	60.5	68.9	78.0	87.5	98.0	109.5	121.8	136.1	151.0	167.4	184.8
-45°	57.4	64.6	72.7	81.7	90.9	100.8	111.9	123.3	136.5	149.8	164.7
-47.5°	54.2	60.4	67.9	75.6	84.0	92.9	102.2	112.5	122.9	134.6	145.9
-50°	50.9	56.8	62.8	70.0	77.3	85.1	93.3	102.0	111.3	120.7	130.5
-52.5°	47.7	53.0	58.4	64.4	71.0	77.7	84.9	92.4	100.3	108.4	116.5
-55°	44.5	49.3	54.0	59.2	64.8	70.8	76.9	83.4	89.9	97.1	103.7
-57.5°	41.5	45.6	49.7	54.0	59.0	64.1	69.5	74.8	80.6	86.4	91.9
-60°	38.5	41.9	45.4	49.2	53.1	57.6	62.1	66.9	71.7	76.5	81.3
-62.5°	35.5	38.2	41.1	44.5	47.9	51.2	55.0	59.0	63.1	67.0	70.9
-65°	32.0	34.3	36.7	39.4	42.6	45.3	48.1	51.2	54.7	57.8	60.7
-67.5°	28.3	30.3	32.2	34.1	36.6	38.9	41.2	43.6	46.3	49.1	51.5
-70°	24.2	26.3	28.0	29.5	30.8	32.3	34.2	36.0	38.1	40.8	43.2
-72.5°	20.1	22.0	23.6	25.0	25.8	26.5	27.4	28.5	30.5	33.2	35.5
-75°	16.2	17.7	19.1	20.4	20.9	21.0	21.0	21.3	23.3	26.0	28.4
-77.5°	12.6	13.7	14.8	15.9	16.2	16.1	16.0	15.6	17.2	19.5	21.9
-80°	9.0	9.8	10.7	11.5	11.6	11.6	11.3	10.9	12.1	13.8	15.6
-82.5°	5.9	6.4	6.9	7.3	7.4	7.3	7.0	6.8	7.7	8.8	9.9
-85°	3.0	3.0	3.3	3.5	3.6	3.6	3.5	3.4	3.8	4.3	4.9
-87.5°	1.5	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.1	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.8
85°	5.4	5.6	5.6	5.7	5.7	5.9	6.0	6.2	6.3	5.7	5.1
82.5°	11.1	11.6	12.1	12.5	12.9	13.3	13.5	13.7	13.8	12.5	11.0
80°	17.5	18.6	19.5	20.3	21.2	21.4	21.4	21.3	21.0	19.2	17.2
77.5°	24.3	25.7	26.9	28.0	29.1	29.5	29.7	29.8	29.9	27.7	25.0
75°	30.4	32.1	33.8	35.2	36.6	37.3	37.7	38.1	38.4	36.2	33.2
72.5°	37.6	39.4	41.1	42.7	44.1	45.1	45.7	46.3	46.7	45.4	43.6
70°	45.3	47.2	49.0	50.7	52.3	53.6	54.6	55.5	56.3	56.4	56.3
67.5°	53.9	56.1	58.3	60.1	62.1	63.9	65.5	66.8	67.9	68.6	69.0
65°	63.6	66.9	69.9	72.4	74.5	76.9	79.0	80.6	81.8	82.7	83.4
62.5°	75.0	79.0	82.4	85.7	89.2	92.5	94.6	96.7	98.8	100.7	102.4
60°	86.0	90.4	95.0	99.2	103.1	106.8	110.5	113.9	116.8	119.3	121.1
57.5°	97.7	103.0	108.2	113.6	118.7	123.5	128.1	132.4	136.1	139.2	141.8
55°	110.3	116.9	123.1	130.0	136.6	142.7	148.3	154.0	159.2	163.8	167.4
52.5°	124.1	132.6	140.8	148.8	157.4	165.2	172.2	180.2	187.2	193.1	197.6
50°	140.4	150.4	161.2	171.2	182.1	192.8	202.7	212.3	221.7	229.8	236.3
47.5°	159.0	171.3	184.7	197.9	211.5	226.1	239.2	251.4	264.5	275.9	285.0
45°	179.6	195.4	211.5	230.2	247.4	266.2	283.7	299.3	317.9	334.2	347.4
42.5°	202.5	223.5	244.8	268.3	291.0	315.0	340.4	363.0	387.6	411.0	430.0
40°	231.0	256.1	284.6	313.0	345.6	376.4	413.4	447.0	477.6	505.6	528.5
37.5°	262.6	294.9	330.7	367.7	412.4	456.3	499.6	540.5	576.6	607.3	633.0
35°	298.5	339.5	382.9	436.9	489.3	541.8	590.7	635.4	674.7	709.3	738.7
32.5°	339.7	389.0	449.6	510.3	570.1	627.9	681.7	730.4	773.5	812.3	846.1
30°	383.1	450.3	518.4	584.9	650.3	713.6	772.6	826.3	874.9	918.2	957.1
27.5°	438.2	512.7	586.9	658.7	730.6	799.9	863.8	923.4	979.2	1028.1	1072.6
25°	491.5	573.8	652.7	731.0	809.2	883.6	955.1	1022.4	1086.4	1142.5	1192.2
22.5°	544.8	630.9	715.2	799.4	883.4	966.4	1046.6	1123.8	1195.3	1259.2	1315.1
20°	594.2	684.2	774.4	865.1	956.2	1047.0	1137.1	1223.9	1303.6	1377.3	1442.1
17.5°	638.4	734.2	829.8	926.8	1025.5	1124.1	1224.2	1321.6	1412.7	1496.6	1571.8
15°	677.6	777.5	880.2	984.9	1090.9	1198.0	1307.2	1416.2	1518.7	1614.0	1697.9
12.5°	711.9	815.7	923.4	1034.6	1149.7	1266.4	1385.5	1505.0	1618.5	1728.4	1819.1
10°	740.2	848.3	960.8	1077.7	1199.0	1324.6	1452.4	1581.0	1706.0	1822.7	1926.4
7.5°	762.0	874.1	990.1	1111.7	1239.0	1371.4	1506.8	1643.2	1776.7	1902.4	2017.1
5°	777.4	893.0	1010.4	1136.9	1268.6	1405.8	1546.5	1688.7	1828.2	1960.4	2079.2
2.5°	786.3	904.3	1022.2	1152.1	1286.2	1426.6	1571.2	1715.7	1858.9	1996.0	2118.1
0°	788.7	907.7	1029.0	1153.8	1291.7	1436.3	1575.8	1720.7	1869.5	2004.8	2126.4
-2.5°	786.3	904.3	1022.2	1152.1	1286.2	1426.6	1571.2	1715.7	1858.9	1996.0	2118.1
-5°	777.4	893.0	1010.4	1136.9	1268.6	1405.8	1546.5	1688.7	1828.2	1960.4	2079.2
-7.5°	762.0	874.1	990.1	1111.7	1239.0	1371.4	1506.8	1643.2	1776.7	1902.4	2017.1
-10°	740.2	848.3	960.8	1077.7	1199.0	1324.6	1452.4	1581.0	1706.0	1822.7	1926.4
-12.5°	711.9	815.7	923.4	1034.6	1149.7	1266.4	1385.5	1505.0	1618.5	1728.4	1819.1
-15°	677.6	777.5	880.2	984.9	1090.9	1198.0	1307.2	1416.2	1518.7	1614.0	1697.9
-17.5°	638.4	734.2	829.8	926.8	1025.5	1124.1	1224.2	1321.6	1412.7	1496.6	1571.8
-20°	594.2	684.2	774.4	865.1	956.2	1047.0	1137.1	1223.9	1303.6	1377.3	1442.1

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REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	544.8	630.9	715.2	799.4	883.4	966.4	1046.6	1123.8	1195.3	1259.2	1315.1
-25°	491.5	573.8	652.7	731.0	809.2	883.6	955.1	1022.4	1086.4	1142.5	1192.2
-27.5°	438.2	512.7	586.9	658.7	730.6	799.9	863.8	923.4	979.2	1028.1	1072.6
-30°	383.1	450.3	518.4	584.9	650.3	713.6	772.6	826.3	874.9	918.2	957.1
-32.5°	339.7	389.0	449.6	510.3	570.1	627.9	681.7	730.4	773.5	812.3	846.1
-35°	298.5	339.5	382.9	436.9	489.3	541.8	590.7	635.4	674.7	709.3	738.7
-37.5°	262.6	294.9	330.7	367.7	412.4	456.3	499.6	540.5	576.6	607.3	633.0
-40°	231.0	256.1	284.6	313.0	345.6	376.4	413.4	447.0	477.6	505.6	528.5
-42.5°	202.5	223.5	244.8	268.3	291.0	315.0	340.4	363.0	387.6	411.0	430.0
-45°	179.6	195.4	211.5	230.2	247.4	266.2	283.7	299.3	317.9	334.2	347.4
-47.5°	159.0	171.3	184.7	197.9	211.5	226.1	239.2	251.4	264.5	275.9	285.0
-50°	140.4	150.4	161.2	171.2	182.1	192.8	202.7	212.3	221.7	229.8	236.3
-52.5°	124.1	132.6	140.8	148.8	157.4	165.2	172.2	180.2	187.2	193.1	197.6
-55°	110.3	116.9	123.1	130.0	136.6	142.7	148.3	154.0	159.2	163.8	167.4
-57.5°	97.7	103.0	108.2	113.6	118.7	123.5	128.1	132.4	136.1	139.2	141.8
-60°	86.0	90.4	95.0	99.2	103.1	106.8	110.5	113.9	116.8	119.3	121.1
-62.5°	75.0	79.0	82.4	85.7	89.2	92.5	94.6	96.7	98.8	100.7	102.4
-65°	63.6	66.9	69.9	72.4	74.5	76.9	79.0	80.6	81.8	82.7	83.4
-67.5°	53.9	56.1	58.3	60.1	62.1	63.9	65.5	66.8	67.9	68.6	69.0
-70°	45.3	47.2	49.0	50.7	52.3	53.6	54.6	55.5	56.3	56.4	56.3
-72.5°	37.6	39.4	41.1	42.7	44.1	45.1	45.7	46.3	46.7	45.4	43.6
-75°	30.4	32.1	33.8	35.2	36.6	37.3	37.7	38.1	38.4	36.2	33.2
-77.5°	24.3	25.7	26.9	28.0	29.1	29.5	29.7	29.8	29.9	27.7	25.0
-80°	17.5	18.6	19.5	20.3	21.2	21.4	21.4	21.3	21.0	19.2	17.2
-82.5°	11.1	11.6	12.1	12.5	12.9	13.3	13.5	13.7	13.8	12.5	11.0
-85°	5.4	5.6	5.6	5.7	5.7	5.9	6.0	6.2	6.3	5.7	5.1
-87.5°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.8
-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: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-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°	0.8	0.7	0.6	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0
85°	4.4	3.7	3.6	3.5	3.6	3.7	4.4	5.1	5.7	6.3	6.2
82.5°	9.5	7.9	7.6	7.4	7.6	7.9	9.5	11.0	12.5	13.8	13.7
80°	15.1	12.9	12.5	12.1	12.5	12.9	15.1	17.2	19.2	21.0	21.3
77.5°	22.1	19.1	18.2	17.4	18.2	19.1	22.1	25.0	27.7	29.9	29.8
75°	30.2	27.0	26.0	25.0	26.0	27.0	30.2	33.2	36.2	38.4	38.1
72.5°	41.7	39.8	37.8	35.7	37.8	39.8	41.7	43.6	45.4	46.7	46.3
70°	56.2	56.1	55.6	54.9	55.6	56.1	56.2	56.3	56.4	56.3	55.5
67.5°	69.2	69.1	69.3	69.3	69.3	69.1	69.2	69.0	68.6	67.9	66.8
65°	83.9	84.1	84.4	84.6	84.4	84.1	83.9	83.4	82.7	81.8	80.6
62.5°	103.7	104.5	104.9	104.9	104.9	104.5	103.7	102.4	100.7	98.8	96.7
60°	122.4	123.3	123.9	124.0	123.9	123.3	122.4	121.1	119.3	116.8	113.9
57.5°	143.8	145.3	146.0	146.1	146.0	145.3	143.8	141.8	139.2	136.1	132.4
55°	170.1	172.0	172.9	172.8	172.9	172.0	170.1	167.4	163.8	159.2	154.0
52.5°	201.0	203.4	205.2	206.2	205.2	203.4	201.0	197.6	193.1	187.2	180.2
50°	241.3	244.6	246.8	247.6	246.8	244.6	241.3	236.3	229.8	221.7	212.3
47.5°	291.6	296.0	299.4	301.7	299.4	296.0	291.6	285.0	275.9	264.5	251.4
45°	357.1	363.9	368.6	371.3	368.6	363.9	357.1	347.4	334.2	317.9	299.3
42.5°	444.9	455.5	461.9	464.4	461.9	455.5	444.9	430.0	411.0	387.6	363.0
40°	546.7	559.4	567.7	573.5	567.7	559.4	546.7	528.5	505.6	477.6	447.0
37.5°	652.7	666.0	674.1	679.7	674.1	666.0	652.7	633.0	607.3	576.6	540.5
35°	760.8	774.8	782.4	786.7	782.4	774.8	760.8	738.7	709.3	674.7	635.4
32.5°	871.9	887.3	895.6	904.1	895.6	887.3	871.9	846.1	812.3	773.5	730.4
30°	987.9	1005.5	1014.2	1018.4	1014.2	1005.5	987.9	957.1	918.2	874.9	826.3
27.5°	1108.6	1130.6	1141.4	1148.6	1141.4	1130.6	1108.6	1072.6	1028.1	979.2	923.4
25°	1234.2	1261.4	1273.9	1285.0	1273.9	1261.4	1234.2	1192.2	1142.5	1086.4	1022.4
22.5°	1364.4	1398.4	1412.8	1420.7	1412.8	1398.4	1364.4	1315.1	1259.2	1195.3	1123.8
20°	1498.1	1538.8	1558.8	1569.0	1558.8	1538.8	1498.1	1442.1	1377.3	1303.6	1223.9
17.5°	1634.9	1685.4	1711.2	1717.2	1711.2	1685.4	1634.9	1571.8	1496.6	1412.7	1321.6
15°	1769.1	1823.7	1854.3	1865.5	1854.3	1823.7	1769.1	1697.9	1614.0	1518.7	1416.2
12.5°	1896.2	1952.8	1989.4	1995.9	1989.4	1952.8	1896.2	1819.1	1728.4	1618.5	1505.0
10°	2011.4	2070.1	2110.5	2119.7	2110.5	2070.1	2011.4	1926.4	1822.7	1706.0	1581.0
7.5°	2107.8	2172.2	2216.8	2224.5	2216.8	2172.2	2107.8	2017.1	1902.4	1776.7	1643.2
5°	2178.3	2254.7	2291.4	2300.5	2291.4	2254.7	2178.3	2079.2	1960.4	1828.2	1688.7
2.5°	2217.0	2294.8	2345.7	2339.8	2345.7	2294.8	2217.0	2118.1	1996.0	1858.9	1715.7
0°	2221.4	2302.7	2351.4	2373.9	2351.4	2302.7	2221.4	2126.4	2004.8	1869.5	1720.7
-2.5°	2217.0	2294.8	2345.7	2339.8	2345.7	2294.8	2217.0	2118.1	1996.0	1858.9	1715.7
-5°	2178.3	2254.7	2291.4	2300.5	2291.4	2254.7	2178.3	2079.2	1960.4	1828.2	1688.7
-7.5°	2107.8	2172.2	2216.8	2224.5	2216.8	2172.2	2107.8	2017.1	1902.4	1776.7	1643.2
-10°	2011.4	2070.1	2110.5	2119.7	2110.5	2070.1	2011.4	1926.4	1822.7	1706.0	1581.0
-12.5°	1896.2	1952.8	1989.4	1995.9	1989.4	1952.8	1896.2	1819.1	1728.4	1618.5	1505.0
-15°	1769.1	1823.7	1854.3	1865.5	1854.3	1823.7	1769.1	1697.9	1614.0	1518.7	1416.2
-17.5°	1634.9	1685.4	1711.2	1717.2	1711.2	1685.4	1634.9	1571.8	1496.6	1412.7	1321.6
-20°	1498.1	1538.8	1558.8	1569.0	1558.8	1538.8	1498.1	1442.1	1377.3	1303.6	1223.9



REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	1364.4	1398.4	1412.8	1420.7	1412.8	1398.4	1364.4	1315.1	1259.2	1195.3	1123.8
-25°	1234.2	1261.4	1273.9	1285.0	1273.9	1261.4	1234.2	1192.2	1142.5	1086.4	1022.4
-27.5°	1108.6	1130.6	1141.4	1148.6	1141.4	1130.6	1108.6	1072.6	1028.1	979.2	923.4
-30°	987.9	1005.5	1014.2	1018.4	1014.2	1005.5	987.9	957.1	918.2	874.9	826.3
-32.5°	871.9	887.3	895.6	904.1	895.6	887.3	871.9	846.1	812.3	773.5	730.4
-35°	760.8	774.8	782.4	786.7	782.4	774.8	760.8	738.7	709.3	674.7	635.4
-37.5°	652.7	666.0	674.1	679.7	674.1	666.0	652.7	633.0	607.3	576.6	540.5
-40°	546.7	559.4	567.7	573.5	567.7	559.4	546.7	528.5	505.6	477.6	447.0
-42.5°	444.9	455.5	461.9	464.4	461.9	455.5	444.9	430.0	411.0	387.6	363.0
-45°	357.1	363.9	368.6	371.3	368.6	363.9	357.1	347.4	334.2	317.9	299.3
-47.5°	291.6	296.0	299.4	301.7	299.4	296.0	291.6	285.0	275.9	264.5	251.4
-50°	241.3	244.6	246.8	247.6	246.8	244.6	241.3	236.3	229.8	221.7	212.3
-52.5°	201.0	203.4	205.2	206.2	205.2	203.4	201.0	197.6	193.1	187.2	180.2
-55°	170.1	172.0	172.9	172.8	172.9	172.0	170.1	167.4	163.8	159.2	154.0
-57.5°	143.8	145.3	146.0	146.1	146.0	145.3	143.8	141.8	139.2	136.1	132.4
-60°	122.4	123.3	123.9	124.0	123.9	123.3	122.4	121.1	119.3	116.8	113.9
-62.5°	103.7	104.5	104.9	104.9	104.9	104.5	103.7	102.4	100.7	98.8	96.7
-65°	83.9	84.1	84.4	84.6	84.4	84.1	83.9	83.4	82.7	81.8	80.6
-67.5°	69.2	69.1	69.3	69.3	69.3	69.1	69.2	69.0	68.6	67.9	66.8
-70°	56.2	56.1	55.6	54.9	55.6	56.1	56.2	56.3	56.4	56.3	55.5
-72.5°	41.7	39.8	37.8	35.7	37.8	39.8	41.7	43.6	45.4	46.7	46.3
-75°	30.2	27.0	26.0	25.0	26.0	27.0	30.2	33.2	36.2	38.4	38.1
-77.5°	22.1	19.1	18.2	17.4	18.2	19.1	22.1	25.0	27.7	29.9	29.8
-80°	15.1	12.9	12.5	12.1	12.5	12.9	15.1	17.2	19.2	21.0	21.3
-82.5°	9.5	7.9	7.6	7.4	7.6	7.9	9.5	11.0	12.5	13.8	13.7
-85°	4.4	3.7	3.6	3.5	3.6	3.7	4.4	5.1	5.7	6.3	6.2
-87.5°	0.8	0.7	0.6	0.5	0.6	0.7	0.8	0.8	0.9	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: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1
85°	6.0	5.9	5.7	5.7	5.6	5.6	5.4	4.9	4.3	3.8	3.4
82.5°	13.5	13.3	12.9	12.5	12.1	11.6	11.1	9.9	8.8	7.7	6.8
80°	21.4	21.4	21.2	20.3	19.5	18.6	17.5	15.6	13.8	12.1	10.9
77.5°	29.7	29.5	29.1	28.0	26.9	25.7	24.3	21.9	19.5	17.2	15.6
75°	37.7	37.3	36.6	35.2	33.8	32.1	30.4	28.4	26.0	23.3	21.3
72.5°	45.7	45.1	44.1	42.7	41.1	39.4	37.6	35.5	33.2	30.5	28.5
70°	54.6	53.6	52.3	50.7	49.0	47.2	45.3	43.2	40.8	38.1	36.0
67.5°	65.5	63.9	62.1	60.1	58.3	56.1	53.9	51.5	49.1	46.3	43.6
65°	79.0	76.9	74.5	72.4	69.9	66.9	63.6	60.7	57.8	54.7	51.2
62.5°	94.6	92.5	89.2	85.7	82.4	79.0	75.0	70.9	67.0	63.1	59.0
60°	110.5	106.8	103.1	99.2	95.0	90.4	86.0	81.3	76.5	71.7	66.9
57.5°	128.1	123.5	118.7	113.6	108.2	103.0	97.7	91.9	86.4	80.6	74.8
55°	148.3	142.7	136.6	130.0	123.1	116.9	110.3	103.7	97.1	89.9	83.4
52.5°	172.2	165.2	157.4	148.8	140.8	132.6	124.1	116.5	108.4	100.3	92.4
50°	202.7	192.8	182.1	171.2	161.2	150.4	140.4	130.5	120.7	111.3	102.0
47.5°	239.2	226.1	211.5	197.9	184.7	171.3	159.0	145.9	134.6	122.9	112.5
45°	283.7	266.2	247.4	230.2	211.5	195.4	179.6	164.7	149.8	136.5	123.3
42.5°	340.4	315.0	291.0	268.3	244.8	223.5	202.5	184.8	167.4	151.0	136.1
40°	413.4	376.4	345.6	313.0	284.6	256.1	231.0	206.4	186.6	167.2	149.0
37.5°	499.6	456.3	412.4	367.7	330.7	294.9	262.6	233.6	206.6	184.6	163.6
35°	590.7	541.8	489.3	436.9	382.9	339.5	298.5	262.8	231.3	202.8	178.7
32.5°	681.7	627.9	570.1	510.3	449.6	389.0	339.7	295.5	256.1	223.7	195.2
30°	772.6	713.6	650.3	584.9	518.4	450.3	383.1	331.4	285.2	244.6	211.7
27.5°	863.8	799.9	730.6	658.7	586.9	512.7	438.2	368.5	314.5	268.6	229.9
25°	955.1	883.6	809.2	731.0	652.7	573.8	491.5	413.8	347.4	292.6	246.6
22.5°	1046.6	966.4	883.4	799.4	715.2	630.9	544.8	458.3	378.5	317.1	266.2
20°	1137.1	1047.0	956.2	865.1	774.4	684.2	594.2	501.8	415.2	342.4	284.5
17.5°	1224.2	1124.1	1025.5	926.8	829.8	734.2	638.4	541.9	447.9	364.9	300.7
15°	1307.2	1198.0	1090.9	984.9	880.2	777.5	677.6	577.2	477.6	388.4	318.4
12.5°	1385.5	1266.4	1149.7	1034.6	923.4	815.7	711.9	608.2	505.6	411.3	334.2
10°	1452.4	1324.6	1199.0	1077.7	960.8	848.3	740.2	634.3	529.6	430.4	347.1
7.5°	1506.8	1371.4	1239.0	1111.7	990.1	874.1	762.0	654.4	548.6	445.2	357.1
5°	1546.5	1405.8	1268.6	1136.9	1010.4	893.0	777.4	668.2	562.4	455.8	364.0
2.5°	1571.2	1426.6	1286.2	1152.1	1022.2	904.3	786.3	676.5	570.2	461.6	368.4
0°	1575.8	1436.3	1291.7	1153.8	1029.0	907.7	788.7	679.5	572.3	462.9	369.8
-2.5°	1571.2	1426.6	1286.2	1152.1	1022.2	904.3	786.3	676.5	570.2	461.6	368.4
-5°	1546.5	1405.8	1268.6	1136.9	1010.4	893.0	777.4	668.2	562.4	455.8	364.0
-7.5°	1506.8	1371.4	1239.0	1111.7	990.1	874.1	762.0	654.4	548.6	445.2	357.1
-10°	1452.4	1324.6	1199.0	1077.7	960.8	848.3	740.2	634.3	529.6	430.4	347.1
-12.5°	1385.5	1266.4	1149.7	1034.6	923.4	815.7	711.9	608.2	505.6	411.3	334.2
-15°	1307.2	1198.0	1090.9	984.9	880.2	777.5	677.6	577.2	477.6	388.4	318.4
-17.5°	1224.2	1124.1	1025.5	926.8	829.8	734.2	638.4	541.9	447.9	364.9	300.7
-20°	1137.1	1047.0	956.2	865.1	774.4	684.2	594.2	501.8	415.2	342.4	284.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1046.6	966.4	883.4	799.4	715.2	630.9	544.8	458.3	378.5	317.1	266.2
-25°	955.1	883.6	809.2	731.0	652.7	573.8	491.5	413.8	347.4	292.6	246.6
-27.5°	863.8	799.9	730.6	658.7	586.9	512.7	438.2	368.5	314.5	268.6	229.9
-30°	772.6	713.6	650.3	584.9	518.4	450.3	383.1	331.4	285.2	244.6	211.7
-32.5°	681.7	627.9	570.1	510.3	449.6	389.0	339.7	295.5	256.1	223.7	195.2
-35°	590.7	541.8	489.3	436.9	382.9	339.5	298.5	262.8	231.3	202.8	178.7
-37.5°	499.6	456.3	412.4	367.7	330.7	294.9	262.6	233.6	206.6	184.6	163.6
-40°	413.4	376.4	345.6	313.0	284.6	256.1	231.0	206.4	186.6	167.2	149.0
-42.5°	340.4	315.0	291.0	268.3	244.8	223.5	202.5	184.8	167.4	151.0	136.1
-45°	283.7	266.2	247.4	230.2	211.5	195.4	179.6	164.7	149.8	136.5	123.3
-47.5°	239.2	226.1	211.5	197.9	184.7	171.3	159.0	145.9	134.6	122.9	112.5
-50°	202.7	192.8	182.1	171.2	161.2	150.4	140.4	130.5	120.7	111.3	102.0
-52.5°	172.2	165.2	157.4	148.8	140.8	132.6	124.1	116.5	108.4	100.3	92.4
-55°	148.3	142.7	136.6	130.0	123.1	116.9	110.3	103.7	97.1	89.9	83.4
-57.5°	128.1	123.5	118.7	113.6	108.2	103.0	97.7	91.9	86.4	80.6	74.8
-60°	110.5	106.8	103.1	99.2	95.0	90.4	86.0	81.3	76.5	71.7	66.9
-62.5°	94.6	92.5	89.2	85.7	82.4	79.0	75.0	70.9	67.0	63.1	59.0
-65°	79.0	76.9	74.5	72.4	69.9	66.9	63.6	60.7	57.8	54.7	51.2
-67.5°	65.5	63.9	62.1	60.1	58.3	56.1	53.9	51.5	49.1	46.3	43.6
-70°	54.6	53.6	52.3	50.7	49.0	47.2	45.3	43.2	40.8	38.1	36.0
-72.5°	45.7	45.1	44.1	42.7	41.1	39.4	37.6	35.5	33.2	30.5	28.5
-75°	37.7	37.3	36.6	35.2	33.8	32.1	30.4	28.4	26.0	23.3	21.3
-77.5°	29.7	29.5	29.1	28.0	26.9	25.7	24.3	21.9	19.5	17.2	15.6
-80°	21.4	21.4	21.2	20.3	19.5	18.6	17.5	15.6	13.8	12.1	10.9
-82.5°	13.5	13.3	12.9	12.5	12.1	11.6	11.1	9.9	8.8	7.7	6.8
-85°	6.0	5.9	5.7	5.7	5.6	5.6	5.4	4.9	4.3	3.8	3.4
-87.5°	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	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





REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.2	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.3
85°	3.5	3.6	3.6	3.5	3.3	3.0	3.0	3.0	2.9	2.7	2.5
82.5°	7.0	7.3	7.4	7.3	6.9	6.4	5.9	5.3	4.8	4.1	3.8
80°	11.3	11.6	11.6	11.5	10.7	9.8	9.0	8.3	7.5	6.6	5.7
77.5°	16.0	16.1	16.2	15.9	14.8	13.7	12.6	11.3	10.2	9.1	8.0
75°	21.0	21.0	20.9	20.4	19.1	17.7	16.2	14.7	13.1	11.7	10.2
72.5°	27.4	26.5	25.8	25.0	23.6	22.0	20.1	18.0	16.1	14.2	12.4
70°	34.2	32.3	30.8	29.5	28.0	26.3	24.2	21.6	18.9	16.7	14.6
67.5°	41.2	38.9	36.6	34.1	32.2	30.3	28.3	25.1	21.9	19.1	16.6
65°	48.1	45.3	42.6	39.4	36.7	34.3	32.0	28.4	24.8	21.5	18.7
62.5°	55.0	51.2	47.9	44.5	41.1	38.2	35.5	31.5	27.6	23.8	20.6
60°	62.1	57.6	53.1	49.2	45.4	41.9	38.5	34.5	30.2	26.0	22.4
57.5°	69.5	64.1	59.0	54.0	49.7	45.6	41.5	37.2	32.7	28.2	24.0
55°	76.9	70.8	64.8	59.2	54.0	49.3	44.5	39.9	35.2	30.4	25.3
52.5°	84.9	77.7	71.0	64.4	58.4	53.0	47.7	42.5	37.6	32.5	26.7
50°	93.3	85.1	77.3	70.0	62.8	56.8	50.9	45.3	39.9	34.5	28.1
47.5°	102.2	92.9	84.0	75.6	67.9	60.4	54.2	48.1	42.1	36.5	29.3
45°	111.9	100.8	90.9	81.7	72.7	64.6	57.4	50.8	44.5	37.9	30.3
42.5°	121.8	109.5	98.0	87.5	78.0	68.9	60.5	53.6	46.8	39.2	31.4
40°	133.1	118.3	105.2	93.8	83.2	72.9	64.1	56.2	49.0	40.5	32.5
37.5°	144.1	127.9	113.1	99.9	88.3	77.5	67.6	58.8	50.7	41.9	33.4
35°	157.1	137.7	120.6	106.2	93.5	81.8	70.8	61.4	52.6	43.3	34.2
32.5°	169.8	147.6	129.0	112.8	98.5	85.9	74.3	64.1	54.5	44.6	35.0
30°	183.7	158.5	136.9	118.9	103.4	90.1	77.8	66.6	56.4	45.8	35.7
27.5°	197.0	168.5	144.7	125.4	108.6	94.1	81.0	68.9	58.3	47.1	36.6
25°	210.2	179.4	153.2	131.5	113.5	97.7	84.0	71.1	60.2	48.5	37.4
22.5°	224.6	189.9	160.9	137.1	117.8	100.9	86.8	73.6	61.9	49.8	38.0
20°	237.8	199.3	167.8	142.4	122.1	104.5	89.4	75.7	63.5	51.1	38.6
17.5°	250.2	208.9	175.4	148.1	126.2	107.6	91.7	77.6	64.9	52.3	39.1
15°	263.3	218.5	182.3	153.1	129.7	110.3	93.7	79.3	66.1	53.4	39.6
12.5°	274.4	226.5	188.0	157.3	132.6	112.5	95.4	80.6	67.0	54.3	40.0
10°	283.6	233.1	192.7	160.7	135.0	114.3	96.7	81.7	67.9	55.0	40.2
7.5°	290.8	238.1	196.2	163.2	136.9	115.8	97.9	82.6	68.5	55.4	40.2
5°	295.8	241.6	198.8	165.0	138.3	116.8	98.6	83.1	68.9	55.7	40.1
2.5°	298.4	243.6	200.4	166.0	139.1	117.3	99.1	83.4	69.1	55.7	39.8
0°	298.8	243.9	200.8	166.1	139.3	117.4	99.2	83.4	69.1	55.5	39.4
-2.5°	298.4	243.6	200.4	166.0	139.1	117.3	99.1	83.4	69.1	55.7	39.8
-5°	295.8	241.6	198.8	165.0	138.3	116.8	98.6	83.1	68.9	55.7	40.1
-7.5°	290.8	238.1	196.2	163.2	136.9	115.8	97.9	82.6	68.5	55.4	40.2
-10°	283.6	233.1	192.7	160.7	135.0	114.3	96.7	81.7	67.9	55.0	40.2
-12.5°	274.4	226.5	188.0	157.3	132.6	112.5	95.4	80.6	67.0	54.3	40.0
-15°	263.3	218.5	182.3	153.1	129.7	110.3	93.7	79.3	66.1	53.4	39.6
-17.5°	250.2	208.9	175.4	148.1	126.2	107.6	91.7	77.6	64.9	52.3	39.1
-20°	237.8	199.3	167.8	142.4	122.1	104.5	89.4	75.7	63.5	51.1	38.6

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Scaled Data Report



REPORT NUMBER: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	224.6	189.9	160.9	137.1	117.8	100.9	86.8	73.6	61.9	49.8	38.0
-25°	210.2	179.4	153.2	131.5	113.5	97.7	84.0	71.1	60.2	48.5	37.4
-27.5°	197.0	168.5	144.7	125.4	108.6	94.1	81.0	68.9	58.3	47.1	36.6
-30°	183.7	158.5	136.9	118.9	103.4	90.1	77.8	66.6	56.4	45.8	35.7
-32.5°	169.8	147.6	129.0	112.8	98.5	85.9	74.3	64.1	54.5	44.6	35.0
-35°	157.1	137.7	120.6	106.2	93.5	81.8	70.8	61.4	52.6	43.3	34.2
-37.5°	144.1	127.9	113.1	99.9	88.3	77.5	67.6	58.8	50.7	41.9	33.4
-40°	133.1	118.3	105.2	93.8	83.2	72.9	64.1	56.2	49.0	40.5	32.5
-42.5°	121.8	109.5	98.0	87.5	78.0	68.9	60.5	53.6	46.8	39.2	31.4
-45°	111.9	100.8	90.9	81.7	72.7	64.6	57.4	50.8	44.5	37.9	30.3
-47.5°	102.2	92.9	84.0	75.6	67.9	60.4	54.2	48.1	42.1	36.5	29.3
-50°	93.3	85.1	77.3	70.0	62.8	56.8	50.9	45.3	39.9	34.5	28.1
-52.5°	84.9	77.7	71.0	64.4	58.4	53.0	47.7	42.5	37.6	32.5	26.7
-55°	76.9	70.8	64.8	59.2	54.0	49.3	44.5	39.9	35.2	30.4	25.3
-57.5°	69.5	64.1	59.0	54.0	49.7	45.6	41.5	37.2	32.7	28.2	24.0
-60°	62.1	57.6	53.1	49.2	45.4	41.9	38.5	34.5	30.2	26.0	22.4
-62.5°	55.0	51.2	47.9	44.5	41.1	38.2	35.5	31.5	27.6	23.8	20.6
-65°	48.1	45.3	42.6	39.4	36.7	34.3	32.0	28.4	24.8	21.5	18.7
-67.5°	41.2	38.9	36.6	34.1	32.2	30.3	28.3	25.1	21.9	19.1	16.6
-70°	34.2	32.3	30.8	29.5	28.0	26.3	24.2	21.6	18.9	16.7	14.6
-72.5°	27.4	26.5	25.8	25.0	23.6	22.0	20.1	18.0	16.1	14.2	12.4
-75°	21.0	21.0	20.9	20.4	19.1	17.7	16.2	14.7	13.1	11.7	10.2
-77.5°	16.0	16.1	16.2	15.9	14.8	13.7	12.6	11.3	10.2	9.1	8.0
-80°	11.3	11.6	11.6	11.5	10.7	9.8	9.0	8.3	7.5	6.6	5.7
-82.5°	7.0	7.3	7.4	7.3	6.9	6.4	5.9	5.3	4.8	4.1	3.8
-85°	3.5	3.6	3.6	3.5	3.3	3.0	3.0	3.0	2.9	2.7	2.5
-87.5°	1.2	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	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: P626543 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	1.1	0.9	0.7	0.5	0.3	0.1	0.0
85°	2.3	1.8	1.3	0.9	0.6	0.2	0.0
82.5°	3.4	2.6	2.0	1.4	0.8	0.4	0.0
80°	4.6	3.5	2.6	1.8	1.1	0.5	0.0
77.5°	6.5	4.6	3.2	2.3	1.4	0.6	0.0
75°	8.4	5.9	3.9	2.7	1.6	0.7	0.0
72.5°	10.2	7.3	4.9	3.1	1.9	0.8	0.0
70°	12.0	8.6	5.7	3.6	2.1	0.9	0.0
67.5°	13.5	9.8	6.6	4.1	2.4	1.0	0.0
65°	14.9	10.9	7.4	4.6	2.6	1.1	0.0
62.5°	16.3	12.0	8.2	5.1	2.9	1.2	0.0
60°	17.6	13.0	8.9	5.6	3.1	1.3	0.0
57.5°	18.8	13.9	9.6	6.0	3.3	1.4	0.0
55°	19.8	14.7	10.2	6.4	3.6	1.5	0.0
52.5°	20.8	15.5	10.8	6.8	3.8	1.6	0.0
50°	21.7	16.2	11.3	7.1	4.1	1.7	0.0
47.5°	22.5	16.8	11.8	7.4	4.3	1.8	0.0
45°	23.4	17.4	12.2	7.7	4.5	1.9	0.0
42.5°	24.2	17.9	12.5	8.0	4.7	1.9	0.0
40°	24.9	18.3	12.9	8.3	4.9	2.0	0.0
37.5°	25.5	18.7	13.1	8.6	5.1	2.0	0.0
35°	26.0	19.0	13.4	8.8	5.2	2.1	0.0
32.5°	26.5	19.4	13.6	9.1	5.4	2.1	0.0
30°	27.0	19.7	13.7	9.3	5.5	2.2	0.0
27.5°	27.5	19.9	14.0	9.5	5.6	2.2	0.0
25°	27.8	20.0	14.3	9.7	5.7	2.3	0.0
22.5°	28.0	20.1	14.5	9.9	5.8	2.3	0.0
20°	28.2	20.5	14.7	10.0	5.9	2.3	0.0
17.5°	28.5	20.8	14.9	10.1	6.0	2.3	0.0
15°	28.9	21.0	15.0	10.2	6.0	2.3	0.0
12.5°	29.1	21.2	15.1	10.2	6.0	2.3	0.0
10°	29.3	21.3	15.2	10.2	6.1	2.3	0.0
7.5°	29.4	21.3	15.2	10.2	6.1	2.3	0.0
5°	29.3	21.3	15.2	10.2	6.1	2.3	0.0
2.5°	29.2	21.2	15.2	10.2	6.0	2.3	0.0
0°	29.0	21.1	15.1	10.1	6.0	2.3	0.0
-2.5°	29.2	21.2	15.2	10.2	6.0	2.3	0.0
-5°	29.3	21.3	15.2	10.2	6.1	2.3	0.0
-7.5°	29.4	21.3	15.2	10.2	6.1	2.3	0.0
-10°	29.3	21.3	15.2	10.2	6.1	2.3	0.0
-12.5°	29.1	21.2	15.1	10.2	6.0	2.3	0.0
-15°	28.9	21.0	15.0	10.2	6.0	2.3	0.0
-17.5°	28.5	20.8	14.9	10.1	6.0	2.3	0.0
-20°	28.2	20.5	14.7	10.0	5.9	2.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.0	20.1	14.5	9.9	5.8	2.3	0.0
-25°	27.8	20.0	14.3	9.7	5.7	2.3	0.0
-27.5°	27.5	19.9	14.0	9.5	5.6	2.2	0.0
-30°	27.0	19.7	13.7	9.3	5.5	2.2	0.0
-32.5°	26.5	19.4	13.6	9.1	5.4	2.1	0.0
-35°	26.0	19.0	13.4	8.8	5.2	2.1	0.0
-37.5°	25.5	18.7	13.1	8.6	5.1	2.0	0.0
-40°	24.9	18.3	12.9	8.3	4.9	2.0	0.0
-42.5°	24.2	17.9	12.5	8.0	4.7	1.9	0.0
-45°	23.4	17.4	12.2	7.7	4.5	1.9	0.0
-47.5°	22.5	16.8	11.8	7.4	4.3	1.8	0.0
-50°	21.7	16.2	11.3	7.1	4.1	1.7	0.0
-52.5°	20.8	15.5	10.8	6.8	3.8	1.6	0.0
-55°	19.8	14.7	10.2	6.4	3.6	1.5	0.0
-57.5°	18.8	13.9	9.6	6.0	3.3	1.4	0.0
-60°	17.6	13.0	8.9	5.6	3.1	1.3	0.0
-62.5°	16.3	12.0	8.2	5.1	2.9	1.2	0.0
-65°	14.9	10.9	7.4	4.6	2.6	1.1	0.0
-67.5°	13.5	9.8	6.6	4.1	2.4	1.0	0.0
-70°	12.0	8.6	5.7	3.6	2.1	0.9	0.0
-72.5°	10.2	7.3	4.9	3.1	1.9	0.8	0.0
-75°	8.4	5.9	3.9	2.7	1.6	0.7	0.0
-77.5°	6.5	4.6	3.2	2.3	1.4	0.6	0.0
-80°	4.6	3.5	2.6	1.8	1.1	0.5	0.0
-82.5°	3.4	2.6	2.0	1.4	0.8	0.4	0.0
-85°	2.3	1.8	1.3	0.9	0.6	0.2	0.0
-87.5°	1.1	0.9	0.7	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)