

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: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1C-740-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N26  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

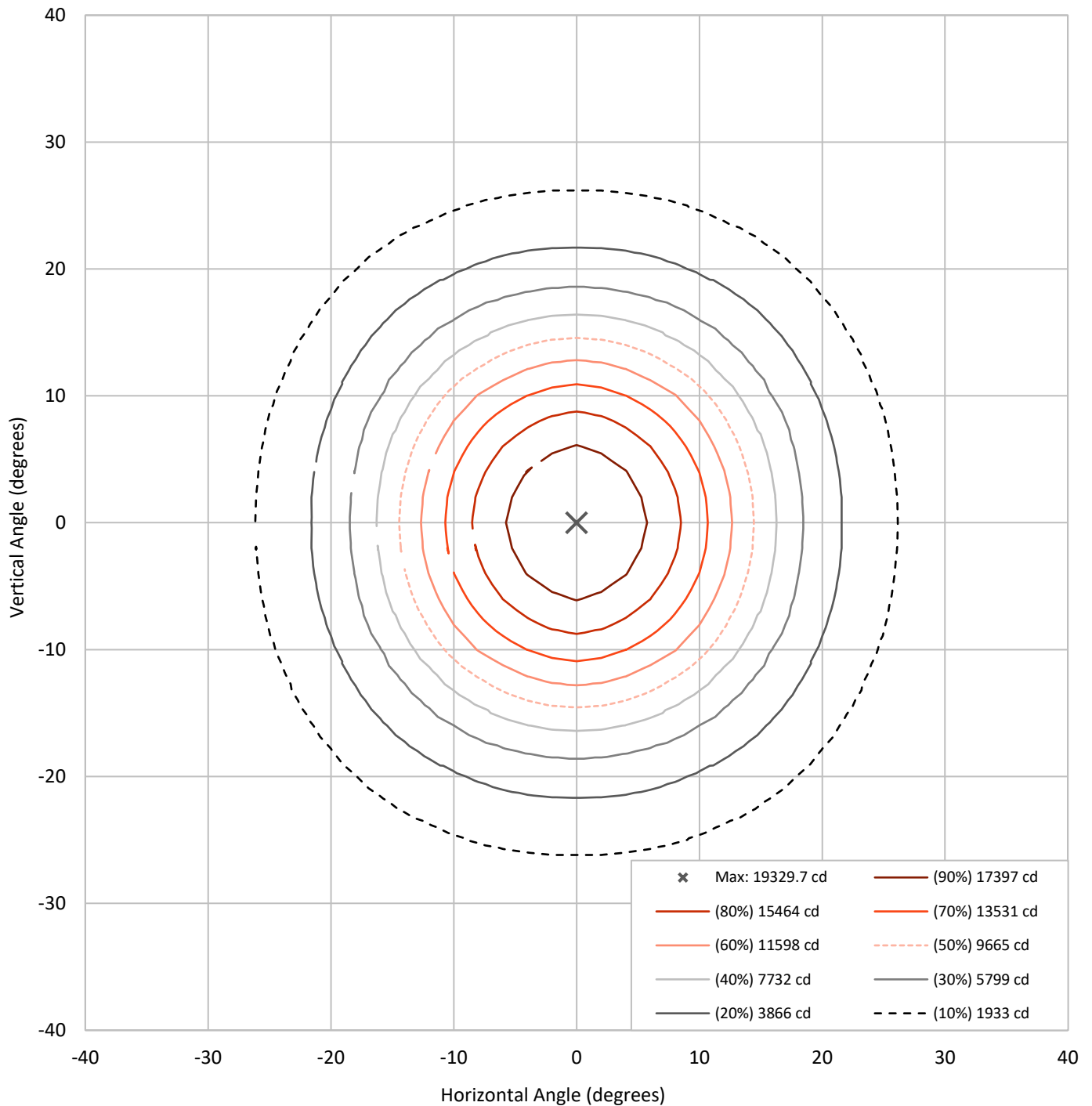
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6039.3 lumens	Max Intensity:	19329.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	2936.2 lumens	Field Lumens:	4955.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

### Iso-Candela Plot





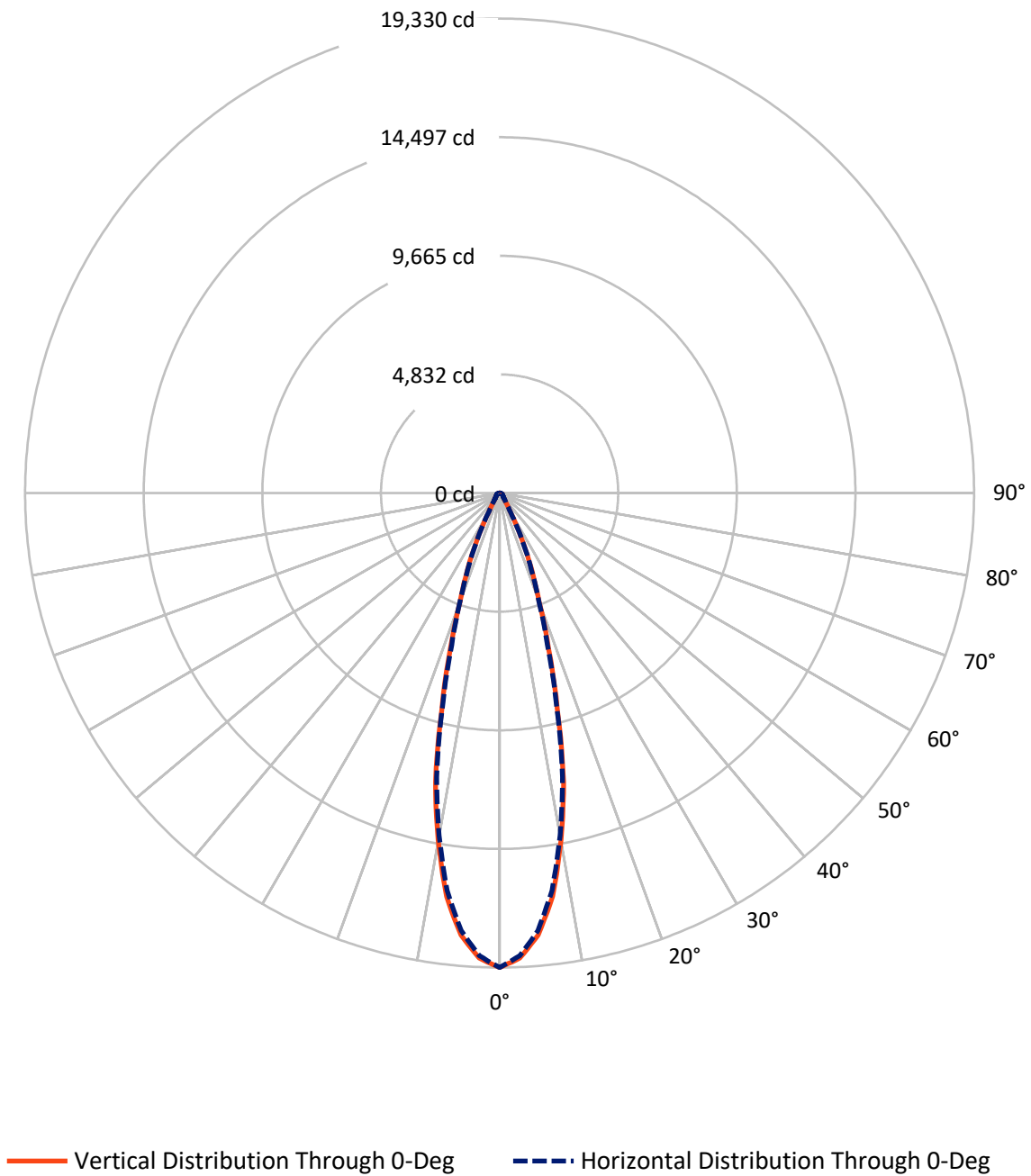
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### Lumen Table

90	0.1	1.0	2.6	4.1	4.6	4.1	2.6	1.0	0.1										
80	0.1	1.0	2.6	4.1	4.6	4.1	2.6	1.0	0.1										
70	0.5	0.5	1.0	1.7	2.4	2.9	3.3	3.4	3.4	3.3	2.9	2.4	1.7	1.0	0.5	0.5			
60		0.8	1.6	2.5	3.4	4.2	4.7	4.8	4.8	4.7	4.2	3.4	2.5	1.6	0.8				
50	0.8	1.0	2.0	3.1	4.1	5.2	6.1	6.6	6.6	6.1	5.2	4.1	3.1	2.0	1.0	0.8			
40		1.2	2.3	3.6	5.1	7.2	10.5	13.6	13.6	10.5	7.2	5.1	3.6	2.3	1.2				
30	1.0	1.3	2.6	4.0	6.5	14.1	39.8	70.5	70.5	39.8	14.1	6.5	4.0	2.6	1.3	1.0			
20		1.4	2.7	4.4	8.8	37.1	132.1	253.1	253.1	132.1	37.1	8.8	4.4	2.7	1.4				
10	1.1	1.5	2.7	4.6	11.2	64.0	244.5	481.0	481.0	244.5	64.0	11.2	4.6	2.7	1.5	1.1			
0		1.5	2.7	4.6	11.2	64.0	244.5	481.0	481.0	244.5	64.0	11.2	4.6	2.7	1.5				
-10	1.0	1.4	2.7	4.4	8.8	37.1	132.1	253.1	253.1	132.1	37.1	8.8	4.4	2.7	1.4	1.0			
-20		1.3	2.6	4.0	6.5	14.1	39.8	70.5	70.5	39.8	14.1	6.5	4.0	2.6	1.3				
-30	0.8	1.2	2.3	3.6	5.1	7.2	10.5	13.6	13.6	10.5	7.2	5.1	3.6	2.3	1.2	0.8			
-40		1.0	2.0	3.1	4.1	5.2	6.1	6.6	6.6	6.1	5.2	4.1	3.1	2.0	1.0				
-50	0.5	0.8	1.6	2.5	3.4	4.2	4.7	4.8	4.8	4.7	4.2	3.4	2.5	1.6	0.8	0.5			
-60		0.5	1.0	1.7	2.4	2.9	3.3	3.4	3.4	3.3	2.9	2.4	1.7	1.0	0.5				
-70	0.1	1.0	2.6	4.1	4.6	4.1	2.6	1.0	0.1							0.1			
-80		0.1	1.0	2.6	4.1	4.6	4.1	2.6	1.0	0.1									
-90	0.1	1.0	2.6	4.1	4.6	4.1	2.6	1.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

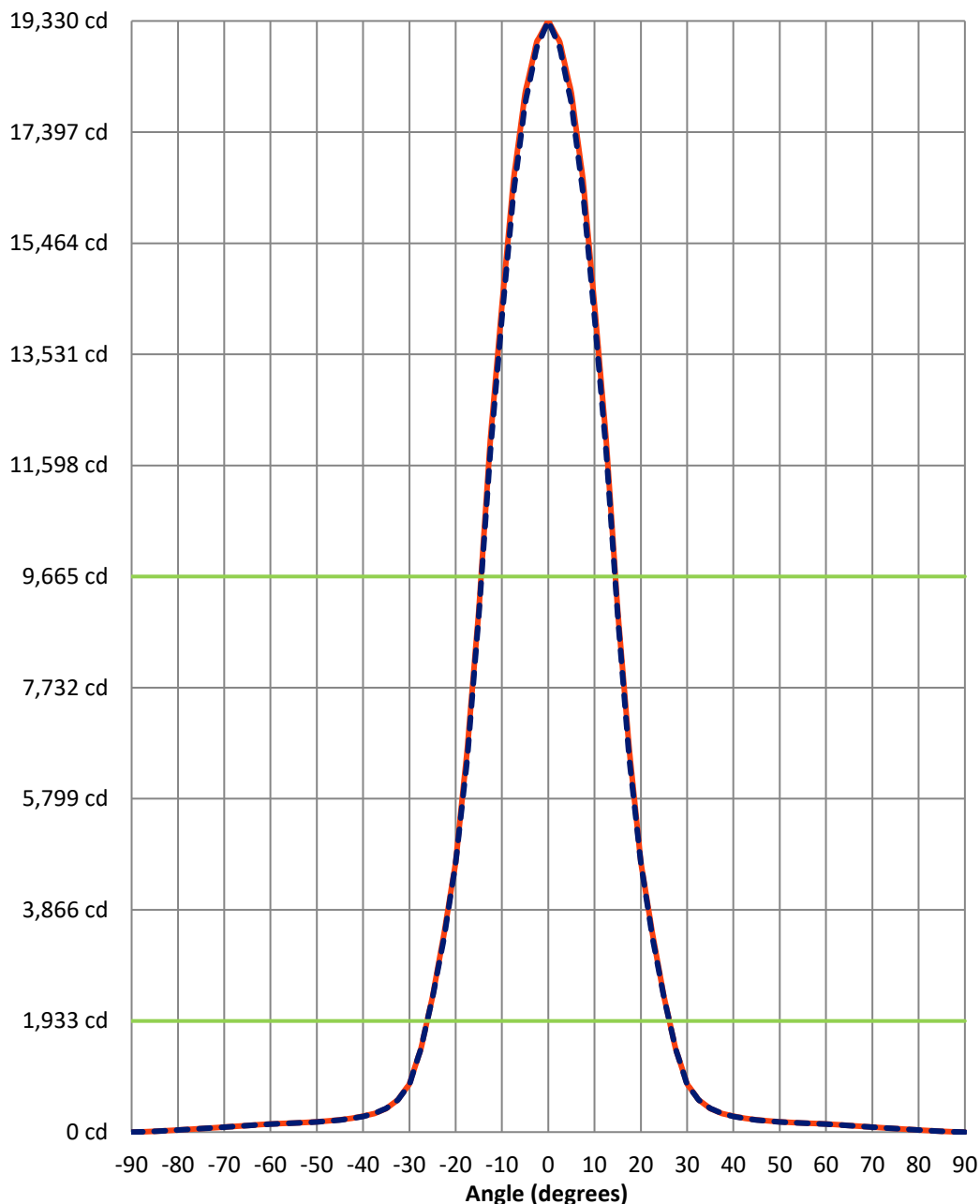
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 2936.2  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 4955.1  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 1084.1  
 Efficiency: 18.0%

— 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	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.4	7.6
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	6.8	8.3	10.0	11.7
77.5°	0.0	1.1	2.2	3.2	4.3	5.6	7.4	9.4	11.4	13.6	15.9
75°	0.0	1.3	2.6	3.9	5.3	7.4	9.6	12.0	14.5	17.6	20.5
72.5°	0.0	1.5	3.0	4.5	6.7	9.2	11.8	14.7	18.2	21.7	25.1
70°	0.0	1.7	3.4	5.2	8.1	11.0	14.0	17.8	21.8	25.7	29.9
67.5°	0.0	1.9	3.8	6.2	9.5	12.7	16.7	21.0	25.4	30.1	34.8
65°	0.0	2.1	4.2	7.3	10.9	14.7	19.3	24.0	29.2	34.5	39.8
62.5°	0.0	2.3	4.6	8.3	12.2	16.9	21.9	27.3	33.0	38.8	44.8
60°	0.0	2.5	5.0	9.3	13.5	19.0	24.5	30.5	36.8	43.2	49.8
57.5°	0.0	2.7	5.6	10.2	15.2	21.1	27.2	33.7	40.4	47.4	54.6
55°	0.0	2.9	6.3	11.2	16.8	23.1	29.8	36.8	44.0	51.5	59.5
52.5°	0.0	3.0	6.9	12.1	18.4	25.1	32.3	39.8	47.5	55.7	64.1
50°	0.0	3.2	7.4	13.0	19.9	27.1	34.8	42.7	50.8	59.8	68.4
47.5°	0.0	3.4	8.0	13.9	21.4	29.1	37.1	45.5	54.3	63.7	72.5
45°	0.0	3.5	8.6	14.9	22.8	30.9	39.4	48.2	57.7	67.1	76.3
42.5°	0.0	3.7	9.1	15.9	24.2	32.6	41.6	50.9	60.9	70.4	79.9
40°	0.0	3.8	9.6	16.9	25.5	34.3	43.7	53.5	63.8	73.4	83.2
37.5°	0.0	4.0	10.0	17.8	26.7	35.8	45.7	56.0	66.4	76.4	86.4
35°	0.0	4.1	10.5	18.6	27.9	37.3	47.6	58.2	68.8	79.1	89.4
32.5°	0.0	4.2	10.9	19.4	28.9	38.8	49.3	60.3	71.1	81.7	92.2
30°	0.0	4.3	11.3	20.1	30.0	40.1	51.0	62.3	73.2	84.1	94.9
27.5°	0.0	4.4	11.7	20.7	30.9	41.4	52.6	64.0	75.1	86.3	97.4
25°	0.0	4.5	12.0	21.3	31.7	42.6	53.9	65.5	76.9	88.3	99.7
22.5°	0.0	4.6	12.3	21.8	32.5	43.6	55.2	66.9	78.5	90.1	101.9
20°	0.0	4.7	12.6	22.3	33.2	44.5	56.3	68.1	79.9	91.7	103.9
17.5°	0.0	4.8	12.8	22.7	33.8	45.3	57.3	69.2	81.1	93.1	105.7
15°	0.0	4.8	13.0	23.0	34.4	45.9	58.2	70.2	82.2	94.3	107.2
12.5°	0.0	4.9	13.2	23.2	34.9	46.4	58.9	71.1	83.2	95.2	108.4
10°	0.0	4.9	13.3	23.4	35.3	46.8	59.6	71.8	84.0	96.4	109.6
7.5°	0.0	5.0	13.5	23.6	35.6	47.0	60.1	72.4	84.7	97.4	110.8
5°	0.0	5.0	13.5	23.6	35.8	47.2	60.5	72.9	85.2	98.3	111.8
2.5°	0.0	5.0	13.6	23.7	36.0	47.2	60.7	73.1	85.5	98.9	112.5
0°	0.0	5.0	13.6	23.6	36.0	47.1	60.8	73.2	85.6	99.3	112.9
-2.5°	0.0	5.0	13.6	23.7	36.0	47.2	60.7	73.1	85.5	98.9	112.5
-5°	0.0	5.0	13.5	23.6	35.8	47.2	60.5	72.9	85.2	98.3	111.8
-7.5°	0.0	5.0	13.5	23.6	35.6	47.0	60.1	72.4	84.7	97.4	110.8
-10°	0.0	4.9	13.3	23.4	35.3	46.8	59.6	71.8	84.0	96.4	109.6
-12.5°	0.0	4.9	13.2	23.2	34.9	46.4	58.9	71.1	83.2	95.2	108.4
-15°	0.0	4.8	13.0	23.0	34.4	45.9	58.2	70.2	82.2	94.3	107.2
-17.5°	0.0	4.8	12.8	22.7	33.8	45.3	57.3	69.2	81.1	93.1	105.7
-20°	0.0	4.7	12.6	22.3	33.2	44.5	56.3	68.1	79.9	91.7	103.9

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REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	12.3	21.8	32.5	43.6	55.2	66.9	78.5	90.1	101.9
-25°	0.0	4.5	12.0	21.3	31.7	42.6	53.9	65.5	76.9	88.3	99.7
-27.5°	0.0	4.4	11.7	20.7	30.9	41.4	52.6	64.0	75.1	86.3	97.4
-30°	0.0	4.3	11.3	20.1	30.0	40.1	51.0	62.3	73.2	84.1	94.9
-32.5°	0.0	4.2	10.9	19.4	28.9	38.8	49.3	60.3	71.1	81.7	92.2
-35°	0.0	4.1	10.5	18.6	27.9	37.3	47.6	58.2	68.8	79.1	89.4
-37.5°	0.0	4.0	10.0	17.8	26.7	35.8	45.7	56.0	66.4	76.4	86.4
-40°	0.0	3.8	9.6	16.9	25.5	34.3	43.7	53.5	63.8	73.4	83.2
-42.5°	0.0	3.7	9.1	15.9	24.2	32.6	41.6	50.9	60.9	70.4	79.9
-45°	0.0	3.5	8.6	14.9	22.8	30.9	39.4	48.2	57.7	67.1	76.3
-47.5°	0.0	3.4	8.0	13.9	21.4	29.1	37.1	45.5	54.3	63.7	72.5
-50°	0.0	3.2	7.4	13.0	19.9	27.1	34.8	42.7	50.8	59.8	68.4
-52.5°	0.0	3.0	6.9	12.1	18.4	25.1	32.3	39.8	47.5	55.7	64.1
-55°	0.0	2.9	6.3	11.2	16.8	23.1	29.8	36.8	44.0	51.5	59.5
-57.5°	0.0	2.7	5.6	10.2	15.2	21.1	27.2	33.7	40.4	47.4	54.6
-60°	0.0	2.5	5.0	9.3	13.5	19.0	24.5	30.5	36.8	43.2	49.8
-62.5°	0.0	2.3	4.6	8.3	12.2	16.9	21.9	27.3	33.0	38.8	44.8
-65°	0.0	2.1	4.2	7.3	10.9	14.7	19.3	24.0	29.2	34.5	39.8
-67.5°	0.0	1.9	3.8	6.2	9.5	12.7	16.7	21.0	25.4	30.1	34.8
-70°	0.0	1.7	3.4	5.2	8.1	11.0	14.0	17.8	21.8	25.7	29.9
-72.5°	0.0	1.5	3.0	4.5	6.7	9.2	11.8	14.7	18.2	21.7	25.1
-75°	0.0	1.3	2.6	3.9	5.3	7.4	9.6	12.0	14.5	17.6	20.5
-77.5°	0.0	1.1	2.2	3.2	4.3	5.6	7.4	9.4	11.4	13.6	15.9
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	6.8	8.3	10.0	11.7
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.4	7.6
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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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**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°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
85°	4.6	5.0	5.7	6.4	7.1	7.8	8.5	9.1	9.7	10.3	10.8
82.5°	8.8	9.9	11.0	12.1	13.1	14.2	15.1	16.1	17.0	17.8	18.6
80°	13.3	14.8	16.4	17.8	19.1	20.5	21.8	23.0	24.2	25.5	26.9
77.5°	18.1	20.1	21.8	23.4	25.2	27.3	29.3	31.3	33.1	34.9	36.6
75°	23.1	25.3	27.7	30.1	32.6	35.1	37.6	39.9	42.2	44.6	47.0
72.5°	28.3	31.3	34.2	37.0	40.2	43.3	46.1	48.7	51.6	54.8	57.7
70°	33.8	37.3	41.0	44.6	48.2	51.6	55.1	58.6	62.2	65.6	68.9
67.5°	39.4	43.7	48.0	52.1	56.2	60.3	64.4	68.7	72.8	76.7	80.5
65°	45.3	50.1	54.9	59.5	64.0	69.0	74.0	78.7	83.9	88.8	93.0
62.5°	51.0	56.5	61.8	67.0	72.4	78.0	83.7	89.7	95.9	100.4	104.2
60°	56.6	62.7	68.6	74.6	80.7	87.0	93.5	99.9	105.5	110.4	114.4
57.5°	62.0	68.9	75.4	81.9	88.6	95.7	102.9	109.4	114.7	119.3	123.8
55°	67.2	74.8	81.7	88.7	96.3	104.6	112.0	117.9	123.3	127.2	131.4
52.5°	72.2	80.4	87.6	95.4	104.0	112.7	120.1	125.8	130.3	134.4	138.5
50°	77.0	85.2	93.2	102.1	111.2	119.9	127.4	132.6	137.2	141.4	145.3
47.5°	81.3	89.8	98.9	108.4	118.0	126.5	133.6	139.0	143.7	148.0	152.4
45°	85.3	94.5	104.2	114.6	124.4	132.8	139.3	145.1	149.7	154.5	160.0
42.5°	89.2	99.1	109.6	120.6	130.6	138.4	144.7	150.2	155.4	161.3	167.3
40°	93.1	103.3	114.6	126.2	136.4	143.2	149.5	155.4	161.4	167.9	174.6
37.5°	96.6	107.6	119.4	131.5	140.7	147.8	154.3	160.8	167.5	174.6	182.9
35°	99.9	111.6	123.9	135.6	144.5	152.2	159.1	166.2	173.7	182.4	191.6
32.5°	103.1	115.2	128.1	139.1	148.0	156.1	163.8	171.8	180.5	190.0	200.5
30°	106.2	118.7	131.8	142.7	151.0	159.4	168.4	177.3	187.0	197.6	209.9
27.5°	109.3	122.0	134.9	145.5	153.7	162.2	171.9	182.7	193.3	204.9	219.1
25°	112.1	125.4	138.0	147.8	156.1	165.0	175.1	186.6	198.9	212.8	230.2
22.5°	114.7	128.5	140.9	149.7	158.0	167.3	178.2	190.4	203.8	219.9	241.2
20°	117.2	130.8	142.9	151.4	159.6	169.3	181.0	193.7	209.1	228.6	254.0
17.5°	119.4	132.9	144.2	152.8	161.3	171.2	183.3	196.6	213.9	236.2	266.3
15°	121.2	134.5	145.4	153.9	162.7	173.2	185.6	200.2	219.2	243.7	277.0
12.5°	122.7	135.8	146.3	154.7	163.8	174.7	187.7	203.6	224.3	251.9	291.4
10°	123.9	136.8	147.1	155.2	164.6	175.7	189.2	206.3	228.5	258.7	303.7
7.5°	125.1	137.6	147.6	155.4	165.1	176.2	190.3	208.2	231.6	263.8	313.4
5°	126.0	138.4	147.9	155.8	165.3	176.4	191.1	209.3	233.5	267.2	320.4
2.5°	126.4	138.8	147.9	156.2	165.3	176.5	192.0	209.9	235.7	270.1	324.3
0°	126.6	139.0	147.6	156.3	165.0	176.2	192.3	209.7	237.0	271.7	325.1
-2.5°	126.4	138.8	147.9	156.2	165.3	176.5	192.0	209.9	235.7	270.1	324.3
-5°	126.0	138.4	147.9	155.8	165.3	176.4	191.1	209.3	233.5	267.2	320.4
-7.5°	125.1	137.6	147.6	155.4	165.1	176.2	190.3	208.2	231.6	263.8	313.4
-10°	123.9	136.8	147.1	155.2	164.6	175.7	189.2	206.3	228.5	258.7	303.7
-12.5°	122.7	135.8	146.3	154.7	163.8	174.7	187.7	203.6	224.3	251.9	291.4
-15°	121.2	134.5	145.4	153.9	162.7	173.2	185.6	200.2	219.2	243.7	277.0
-17.5°	119.4	132.9	144.2	152.8	161.3	171.2	183.3	196.6	213.9	236.2	266.3
-20°	117.2	130.8	142.9	151.4	159.6	169.3	181.0	193.7	209.1	228.6	254.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	114.7	128.5	140.9	149.7	158.0	167.3	178.2	190.4	203.8	219.9	241.2
-25°	112.1	125.4	138.0	147.8	156.1	165.0	175.1	186.6	198.9	212.8	230.2
-27.5°	109.3	122.0	134.9	145.5	153.7	162.2	171.9	182.7	193.3	204.9	219.1
-30°	106.2	118.7	131.8	142.7	151.0	159.4	168.4	177.3	187.0	197.6	209.9
-32.5°	103.1	115.2	128.1	139.1	148.0	156.1	163.8	171.8	180.5	190.0	200.5
-35°	99.9	111.6	123.9	135.6	144.5	152.2	159.1	166.2	173.7	182.4	191.6
-37.5°	96.6	107.6	119.4	131.5	140.7	147.8	154.3	160.8	167.5	174.6	182.9
-40°	93.1	103.3	114.6	126.2	136.4	143.2	149.5	155.4	161.4	167.9	174.6
-42.5°	89.2	99.1	109.6	120.6	130.6	138.4	144.7	150.2	155.4	161.3	167.3
-45°	85.3	94.5	104.2	114.6	124.4	132.8	139.3	145.1	149.7	154.5	160.0
-47.5°	81.3	89.8	98.9	108.4	118.0	126.5	133.6	139.0	143.7	148.0	152.4
-50°	77.0	85.2	93.2	102.1	111.2	119.9	127.4	132.6	137.2	141.4	145.3
-52.5°	72.2	80.4	87.6	95.4	104.0	112.7	120.1	125.8	130.3	134.4	138.5
-55°	67.2	74.8	81.7	88.7	96.3	104.6	112.0	117.9	123.3	127.2	131.4
-57.5°	62.0	68.9	75.4	81.9	88.6	95.7	102.9	109.4	114.7	119.3	123.8
-60°	56.6	62.7	68.6	74.6	80.7	87.0	93.5	99.9	105.5	110.4	114.4
-62.5°	51.0	56.5	61.8	67.0	72.4	78.0	83.7	89.7	95.9	100.4	104.2
-65°	45.3	50.1	54.9	59.5	64.0	69.0	74.0	78.7	83.9	88.8	93.0
-67.5°	39.4	43.7	48.0	52.1	56.2	60.3	64.4	68.7	72.8	76.7	80.5
-70°	33.8	37.3	41.0	44.6	48.2	51.6	55.1	58.6	62.2	65.6	68.9
-72.5°	28.3	31.3	34.2	37.0	40.2	43.3	46.1	48.7	51.6	54.8	57.7
-75°	23.1	25.3	27.7	30.1	32.6	35.1	37.6	39.9	42.2	44.6	47.0
-77.5°	18.1	20.1	21.8	23.4	25.2	27.3	29.3	31.3	33.1	34.9	36.6
-80°	13.3	14.8	16.4	17.8	19.1	20.5	21.8	23.0	24.2	25.5	26.9
-82.5°	8.8	9.9	11.0	12.1	13.1	14.2	15.1	16.1	17.0	17.8	18.6
-85°	4.6	5.0	5.7	6.4	7.1	7.8	8.5	9.1	9.7	10.3	10.8
-87.5°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-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: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
85°	11.3	11.8	12.2	12.7	13.0	13.1	13.1	13.1	13.0	13.2	13.3
82.5°	19.4	20.3	21.2	22.1	22.9	23.2	23.4	23.6	23.7	24.0	24.3
80°	28.2	29.5	30.8	32.0	33.0	33.7	34.3	34.9	35.5	35.8	35.9
77.5°	38.4	40.0	41.6	43.1	44.4	45.5	46.3	47.0	47.5	47.8	48.1
75°	49.4	51.5	53.4	55.1	56.7	57.8	58.6	59.1	59.5	59.9	60.3
72.5°	60.4	62.8	65.0	67.2	69.0	70.3	71.2	72.0	72.5	72.9	73.1
70°	72.1	74.9	77.4	79.5	81.2	82.5	83.4	84.2	84.8	85.2	85.4
67.5°	84.1	87.2	89.5	91.4	92.9	94.2	95.4	96.3	96.9	97.5	98.1
65°	96.5	99.6	101.9	103.9	105.4	107.2	108.7	109.9	110.7	111.4	112.1
62.5°	108.0	111.5	114.3	116.8	119.4	121.9	123.3	124.4	125.2	125.9	126.7
60°	118.5	122.5	125.8	128.9	132.1	135.3	136.6	137.6	138.6	139.5	140.3
57.5°	127.8	132.1	136.1	139.2	142.2	145.2	147.2	148.4	149.1	149.5	149.9
55°	136.0	140.2	144.3	147.8	151.1	154.1	156.4	157.5	158.3	158.8	159.1
52.5°	143.2	147.8	152.1	156.0	159.6	162.9	165.7	167.2	168.4	169.3	169.6
50°	150.4	155.3	160.0	164.2	168.3	172.2	175.8	177.9	179.4	180.3	180.6
47.5°	157.8	163.2	168.2	173.1	177.8	182.4	186.7	189.6	191.7	193.3	194.4
45°	165.6	171.3	177.0	182.7	188.1	194.1	199.5	203.7	206.8	209.5	211.6
42.5°	173.4	179.9	186.3	193.7	201.0	207.9	214.3	219.9	224.9	229.9	233.7
40°	181.9	189.0	197.8	206.5	215.6	223.5	233.0	241.4	249.2	257.6	264.5
37.5°	191.2	200.3	210.7	221.2	233.0	244.5	257.6	270.6	281.9	296.6	308.3
35°	201.3	212.8	225.1	239.3	254.5	272.4	290.8	312.5	330.8	354.1	375.6
32.5°	212.6	226.1	242.2	261.5	282.0	310.8	337.8	374.5	405.8	446.3	490.4
30°	224.0	241.5	263.3	288.3	323.0	363.9	411.5	473.5	540.6	610.0	703.3
27.5°	237.6	260.4	287.6	326.1	378.0	434.6	531.7	636.5	782.5	898.1	1104.0
25°	252.2	280.4	320.6	376.5	448.2	562.7	726.6	916.3	1208.5	1468.4	1767.1
22.5°	269.5	307.8	361.0	434.2	559.3	756.2	1012.0	1401.6	1834.8	2262.3	2653.1
20°	287.9	334.1	408.5	527.8	721.0	1005.8	1462.1	2018.9	2594.0	3179.9	3673.7
17.5°	309.3	372.1	470.1	628.5	904.1	1391.8	2001.3	2709.3	3460.6	4208.2	4857.6
15°	327.7	405.3	537.3	774.5	1185.5	1795.5	2544.6	3438.8	4383.6	5353.8	6405.4
12.5°	351.2	445.3	606.5	895.2	1435.2	2228.0	3144.6	4182.8	5336.5	6624.8	8264.2
10°	372.8	487.2	697.5	1088.6	1735.3	2632.0	3662.9	4840.8	6337.2	8273.1	10250.6
7.5°	390.0	520.5	768.1	1239.5	1987.0	2977.2	4129.6	5541.8	7408.6	9713.9	11973.4
5°	402.0	543.6	818.6	1353.5	2189.5	3241.0	4460.8	6058.5	8311.8	10893.3	13200.4
2.5°	409.6	556.2	843.3	1421.2	2321.6	3399.7	4667.4	6386.9	8865.4	11644.1	13979.9
0°	413.2	558.3	827.6	1454.2	2340.1	3388.5	4686.3	6496.6	8996.7	11848.0	14174.4
-2.5°	409.6	556.2	843.3	1421.2	2321.6	3399.7	4667.4	6386.9	8865.4	11644.1	13979.9
-5°	402.0	543.6	818.6	1353.5	2189.5	3241.0	4460.8	6058.5	8311.8	10893.3	13200.4
-7.5°	390.0	520.5	768.1	1239.5	1987.0	2977.2	4129.6	5541.8	7408.6	9713.9	11973.4
-10°	372.8	487.2	697.5	1088.6	1735.3	2632.0	3662.9	4840.8	6337.2	8273.1	10250.6
-12.5°	351.2	445.3	606.5	895.2	1435.2	2228.0	3144.6	4182.8	5336.5	6624.8	8264.2
-15°	327.7	405.3	537.3	774.5	1185.5	1795.5	2544.6	3438.8	4383.6	5353.8	6405.4
-17.5°	309.3	372.1	470.1	628.5	904.1	1391.8	2001.3	2709.3	3460.6	4208.2	4857.6
-20°	287.9	334.1	408.5	527.8	721.0	1005.8	1462.1	2018.9	2594.0	3179.9	3673.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	269.5	307.8	361.0	434.2	559.3	756.2	1012.0	1401.6	1834.8	2262.3	2653.1
-25°	252.2	280.4	320.6	376.5	448.2	562.7	726.6	916.3	1208.5	1468.4	1767.1
-27.5°	237.6	260.4	287.6	326.1	378.0	434.6	531.7	636.5	782.5	898.1	1104.0
-30°	224.0	241.5	263.3	288.3	323.0	363.9	411.5	473.5	540.6	610.0	703.3
-32.5°	212.6	226.1	242.2	261.5	282.0	310.8	337.8	374.5	405.8	446.3	490.4
-35°	201.3	212.8	225.1	239.3	254.5	272.4	290.8	312.5	330.8	354.1	375.6
-37.5°	191.2	200.3	210.7	221.2	233.0	244.5	257.6	270.6	281.9	296.6	308.3
-40°	181.9	189.0	197.8	206.5	215.6	223.5	233.0	241.4	249.2	257.6	264.5
-42.5°	173.4	179.9	186.3	193.7	201.0	207.9	214.3	219.9	224.9	229.9	233.7
-45°	165.6	171.3	177.0	182.7	188.1	194.1	199.5	203.7	206.8	209.5	211.6
-47.5°	157.8	163.2	168.2	173.1	177.8	182.4	186.7	189.6	191.7	193.3	194.4
-50°	150.4	155.3	160.0	164.2	168.3	172.2	175.8	177.9	179.4	180.3	180.6
-52.5°	143.2	147.8	152.1	156.0	159.6	162.9	165.7	167.2	168.4	169.3	169.6
-55°	136.0	140.2	144.3	147.8	151.1	154.1	156.4	157.5	158.3	158.8	159.1
-57.5°	127.8	132.1	136.1	139.2	142.2	145.2	147.2	148.4	149.1	149.5	149.9
-60°	118.5	122.5	125.8	128.9	132.1	135.3	136.6	137.6	138.6	139.5	140.3
-62.5°	108.0	111.5	114.3	116.8	119.4	121.9	123.3	124.4	125.2	125.9	126.7
-65°	96.5	99.6	101.9	103.9	105.4	107.2	108.7	109.9	110.7	111.4	112.1
-67.5°	84.1	87.2	89.5	91.4	92.9	94.2	95.4	96.3	96.9	97.5	98.1
-70°	72.1	74.9	77.4	79.5	81.2	82.5	83.4	84.2	84.8	85.2	85.4
-72.5°	60.4	62.8	65.0	67.2	69.0	70.3	71.2	72.0	72.5	72.9	73.1
-75°	49.4	51.5	53.4	55.1	56.7	57.8	58.6	59.1	59.5	59.9	60.3
-77.5°	38.4	40.0	41.6	43.1	44.4	45.5	46.3	47.0	47.5	47.8	48.1
-80°	28.2	29.5	30.8	32.0	33.0	33.7	34.3	34.9	35.5	35.8	35.9
-82.5°	19.4	20.3	21.2	22.1	22.9	23.2	23.4	23.6	23.7	24.0	24.3
-85°	11.3	11.8	12.2	12.7	13.0	13.1	13.1	13.1	13.0	13.2	13.3
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
-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: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-740-U-MR-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
85°	13.5	13.5	13.6	13.6	13.6	13.5	13.5	13.3	13.2	13.0	13.1
82.5°	24.5	24.7	24.8	24.8	24.8	24.7	24.5	24.3	24.0	23.7	23.6
80°	35.9	35.8	36.0	36.0	36.0	35.8	35.9	35.9	35.8	35.5	34.9
77.5°	48.2	48.2	48.3	48.4	48.3	48.2	48.2	48.1	47.8	47.5	47.0
75°	60.5	60.5	60.7	60.8	60.7	60.5	60.5	60.3	59.9	59.5	59.1
72.5°	73.1	72.9	73.1	73.2	73.1	72.9	73.1	73.1	72.9	72.5	72.0
70°	85.5	85.3	86.1	86.9	86.1	85.3	85.5	85.4	85.2	84.8	84.2
67.5°	98.6	98.9	99.7	100.5	99.7	98.9	98.6	98.1	97.5	96.9	96.3
65°	112.4	112.5	113.3	114.1	113.3	112.5	112.4	112.1	111.4	110.7	109.9
62.5°	127.1	127.3	128.2	129.0	128.2	127.3	127.1	126.7	125.9	125.2	124.4
60°	140.8	140.9	141.2	141.4	141.2	140.9	140.8	140.3	139.5	138.6	137.6
57.5°	150.0	149.8	150.0	150.1	150.0	149.8	150.0	149.9	149.5	149.1	148.4
55°	159.1	158.7	158.2	157.6	158.2	158.7	159.1	159.1	158.8	158.3	157.5
52.5°	169.3	168.7	168.1	167.5	168.1	168.7	169.3	169.6	169.3	168.4	167.2
50°	180.4	179.8	179.3	178.7	179.3	179.8	180.4	180.6	180.3	179.4	177.9
47.5°	195.2	195.4	195.3	194.8	195.3	195.4	195.2	194.4	193.3	191.7	189.6
45°	213.1	213.8	213.9	213.4	213.9	213.8	213.1	211.6	209.5	206.8	203.7
42.5°	236.5	238.0	238.9	239.5	238.9	238.0	236.5	233.7	229.9	224.9	219.9
40°	269.5	272.7	274.7	276.7	274.7	272.7	269.5	264.5	257.6	249.2	241.4
37.5°	317.0	322.9	325.5	323.8	325.5	322.9	317.0	308.3	296.6	281.9	270.6
35°	392.2	403.2	408.9	409.4	408.9	403.2	392.2	375.6	354.1	330.8	312.5
32.5°	523.0	545.7	557.9	559.6	557.9	545.7	523.0	490.4	446.3	405.8	374.5
30°	774.8	821.0	842.6	837.5	842.6	821.0	774.8	703.3	610.0	540.6	473.5
27.5°	1264.1	1379.3	1447.5	1452.9	1447.5	1379.3	1264.1	1104.0	898.1	782.5	636.5
25°	2031.7	2228.3	2354.1	2356.2	2354.1	2228.3	2031.7	1767.1	1468.4	1208.5	916.3
22.5°	3014.4	3282.8	3429.8	3455.5	3429.8	3282.8	3014.4	2653.1	2262.3	1834.8	1401.6
20°	4153.0	4510.0	4701.0	4701.2	4701.0	4510.0	4153.0	3673.7	3179.9	2594.0	2018.9
17.5°	5555.2	6134.8	6498.7	6655.4	6498.7	6134.8	5555.2	4857.6	4208.2	3460.6	2709.3
15°	7418.0	8392.1	8975.9	9081.1	8975.9	8392.1	7418.0	6405.4	5353.8	4383.6	3438.8
12.5°	9686.2	10919.0	11747.7	12051.5	11747.7	10919.0	9686.2	8264.2	6624.8	5336.5	4182.8
10°	12054.5	13196.7	14084.5	14382.8	14084.5	13196.7	12054.5	10250.6	8273.1	6337.2	4840.8
7.5°	13765.3	15127.4	16127.4	16566.6	16127.4	15127.4	13765.3	11973.4	9713.9	7408.6	5541.8
5°	15115.8	16727.5	17658.4	18071.6	17658.4	16727.5	15115.8	13200.4	10893.3	8311.8	6058.5
2.5°	16002.0	17594.5	18580.3	18961.2	18580.3	17594.5	16002.0	13979.9	11644.1	8865.4	6386.9
0°	16333.3	17890.4	18864.4	19329.7	18864.4	17890.4	16333.3	14174.4	11848.0	8996.7	6496.6
-2.5°	16002.0	17594.5	18580.3	18961.2	18580.3	17594.5	16002.0	13979.9	11644.1	8865.4	6386.9
-5°	15115.8	16727.5	17658.4	18071.6	17658.4	16727.5	15115.8	13200.4	10893.3	8311.8	6058.5
-7.5°	13765.3	15127.4	16127.4	16566.6	16127.4	15127.4	13765.3	11973.4	9713.9	7408.6	5541.8
-10°	12054.5	13196.7	14084.5	14382.8	14084.5	13196.7	12054.5	10250.6	8273.1	6337.2	4840.8
-12.5°	9686.2	10919.0	11747.7	12051.5	11747.7	10919.0	9686.2	8264.2	6624.8	5336.5	4182.8
-15°	7418.0	8392.1	8975.9	9081.1	8975.9	8392.1	7418.0	6405.4	5353.8	4383.6	3438.8
-17.5°	5555.2	6134.8	6498.7	6655.4	6498.7	6134.8	5555.2	4857.6	4208.2	3460.6	2709.3
-20°	4153.0	4510.0	4701.0	4701.2	4701.0	4510.0	4153.0	3673.7	3179.9	2594.0	2018.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3014.4	3282.8	3429.8	3455.5	3429.8	3282.8	3014.4	2653.1	2262.3	1834.8	1401.6
-25°	2031.7	2228.3	2354.1	2356.2	2354.1	2228.3	2031.7	1767.1	1468.4	1208.5	916.3
-27.5°	1264.1	1379.3	1447.5	1452.9	1447.5	1379.3	1264.1	1104.0	898.1	782.5	636.5
-30°	774.8	821.0	842.6	837.5	842.6	821.0	774.8	703.3	610.0	540.6	473.5
-32.5°	523.0	545.7	557.9	559.6	557.9	545.7	523.0	490.4	446.3	405.8	374.5
-35°	392.2	403.2	408.9	409.4	408.9	403.2	392.2	375.6	354.1	330.8	312.5
-37.5°	317.0	322.9	325.5	323.8	325.5	322.9	317.0	308.3	296.6	281.9	270.6
-40°	269.5	272.7	274.7	276.7	274.7	272.7	269.5	264.5	257.6	249.2	241.4
-42.5°	236.5	238.0	238.9	239.5	238.9	238.0	236.5	233.7	229.9	224.9	219.9
-45°	213.1	213.8	213.9	213.4	213.9	213.8	213.1	211.6	209.5	206.8	203.7
-47.5°	195.2	195.4	195.3	194.8	195.3	195.4	195.2	194.4	193.3	191.7	189.6
-50°	180.4	179.8	179.3	178.7	179.3	179.8	180.4	180.6	180.3	179.4	177.9
-52.5°	169.3	168.7	168.1	167.5	168.1	168.7	169.3	169.6	169.3	168.4	167.2
-55°	159.1	158.7	158.2	157.6	158.2	158.7	159.1	159.1	158.8	158.3	157.5
-57.5°	150.0	149.8	150.0	150.1	150.0	149.8	150.0	149.9	149.5	149.1	148.4
-60°	140.8	140.9	141.2	141.4	141.2	140.9	140.8	140.3	139.5	138.6	137.6
-62.5°	127.1	127.3	128.2	129.0	128.2	127.3	127.1	126.7	125.9	125.2	124.4
-65°	112.4	112.5	113.3	114.1	113.3	112.5	112.4	112.1	111.4	110.7	109.9
-67.5°	98.6	98.9	99.7	100.5	99.7	98.9	98.6	98.1	97.5	96.9	96.3
-70°	85.5	85.3	86.1	86.9	86.1	85.3	85.5	85.4	85.2	84.8	84.2
-72.5°	73.1	72.9	73.1	73.2	73.1	72.9	73.1	73.1	72.9	72.5	72.0
-75°	60.5	60.5	60.7	60.8	60.7	60.5	60.5	60.3	59.9	59.5	59.1
-77.5°	48.2	48.2	48.3	48.4	48.3	48.2	48.2	48.1	47.8	47.5	47.0
-80°	35.9	35.8	36.0	36.0	36.0	35.8	35.9	35.9	35.8	35.5	34.9
-82.5°	24.5	24.7	24.8	24.8	24.8	24.7	24.5	24.3	24.0	23.7	23.6
-85°	13.5	13.5	13.6	13.6	13.6	13.5	13.5	13.3	13.2	13.0	13.1
-87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
-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: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-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°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	13.1	13.1	13.0	12.7	12.2	11.8	11.3	10.8	10.3	9.7	9.1
82.5°	23.4	23.2	22.9	22.1	21.2	20.3	19.4	18.6	17.8	17.0	16.1
80°	34.3	33.7	33.0	32.0	30.8	29.5	28.2	26.9	25.5	24.2	23.0
77.5°	46.3	45.5	44.4	43.1	41.6	40.0	38.4	36.6	34.9	33.1	31.3
75°	58.6	57.8	56.7	55.1	53.4	51.5	49.4	47.0	44.6	42.2	39.9
72.5°	71.2	70.3	69.0	67.2	65.0	62.8	60.4	57.7	54.8	51.6	48.7
70°	83.4	82.5	81.2	79.5	77.4	74.9	72.1	68.9	65.6	62.2	58.6
67.5°	95.4	94.2	92.9	91.4	89.5	87.2	84.1	80.5	76.7	72.8	68.7
65°	108.7	107.2	105.4	103.9	101.9	99.6	96.5	93.0	88.8	83.9	78.7
62.5°	123.3	121.9	119.4	116.8	114.3	111.5	108.0	104.2	100.4	95.9	89.7
60°	136.6	135.3	132.1	128.9	125.8	122.5	118.5	114.4	110.4	105.5	99.9
57.5°	147.2	145.2	142.2	139.2	136.1	132.1	127.8	123.8	119.3	114.7	109.4
55°	156.4	154.1	151.1	147.8	144.3	140.2	136.0	131.4	127.2	123.3	117.9
52.5°	165.7	162.9	159.6	156.0	152.1	147.8	143.2	138.5	134.4	130.3	125.8
50°	175.8	172.2	168.3	164.2	160.0	155.3	150.4	145.3	141.4	137.2	132.6
47.5°	186.7	182.4	177.8	173.1	168.2	163.2	157.8	152.4	148.0	143.7	139.0
45°	199.5	194.1	188.1	182.7	177.0	171.3	165.6	160.0	154.5	149.7	145.1
42.5°	214.3	207.9	201.0	193.7	186.3	179.9	173.4	167.3	161.3	155.4	150.2
40°	233.0	223.5	215.6	206.5	197.8	189.0	181.9	174.6	167.9	161.4	155.4
37.5°	257.6	244.5	233.0	221.2	210.7	200.3	191.2	182.9	174.6	167.5	160.8
35°	290.8	272.4	254.5	239.3	225.1	212.8	201.3	191.6	182.4	173.7	166.2
32.5°	337.8	310.8	282.0	261.5	242.2	226.1	212.6	200.5	190.0	180.5	171.8
30°	411.5	363.9	323.0	288.3	263.3	241.5	224.0	209.9	197.6	187.0	177.3
27.5°	531.7	434.6	378.0	326.1	287.6	260.4	237.6	219.1	204.9	193.3	182.7
25°	726.6	562.7	448.2	376.5	320.6	280.4	252.2	230.2	212.8	198.9	186.6
22.5°	1012.0	756.2	559.3	434.2	361.0	307.8	269.5	241.2	219.9	203.8	190.4
20°	1462.1	1005.8	721.0	527.8	408.5	334.1	287.9	254.0	228.6	209.1	193.7
17.5°	2001.3	1391.8	904.1	628.5	470.1	372.1	309.3	266.3	236.2	213.9	196.6
15°	2544.6	1795.5	1185.5	774.5	537.3	405.3	327.7	277.0	243.7	219.2	200.2
12.5°	3144.6	2228.0	1435.2	895.2	606.5	445.3	351.2	291.4	251.9	224.3	203.6
10°	3662.9	2632.0	1735.3	1088.6	697.5	487.2	372.8	303.7	258.7	228.5	206.3
7.5°	4129.6	2977.2	1987.0	1239.5	768.1	520.5	390.0	313.4	263.8	231.6	208.2
5°	4460.8	3241.0	2189.5	1353.5	818.6	543.6	402.0	320.4	267.2	233.5	209.3
2.5°	4667.4	3399.7	2321.6	1421.2	843.3	556.2	409.6	324.3	270.1	235.7	209.9
0°	4686.3	3388.5	2340.1	1454.2	827.6	558.3	413.2	325.1	271.7	237.0	209.7
-2.5°	4667.4	3399.7	2321.6	1421.2	843.3	556.2	409.6	324.3	270.1	235.7	209.9
-5°	4460.8	3241.0	2189.5	1353.5	818.6	543.6	402.0	320.4	267.2	233.5	209.3
-7.5°	4129.6	2977.2	1987.0	1239.5	768.1	520.5	390.0	313.4	263.8	231.6	208.2
-10°	3662.9	2632.0	1735.3	1088.6	697.5	487.2	372.8	303.7	258.7	228.5	206.3
-12.5°	3144.6	2228.0	1435.2	895.2	606.5	445.3	351.2	291.4	251.9	224.3	203.6
-15°	2544.6	1795.5	1185.5	774.5	537.3	405.3	327.7	277.0	243.7	219.2	200.2
-17.5°	2001.3	1391.8	904.1	628.5	470.1	372.1	309.3	266.3	236.2	213.9	196.6
-20°	1462.1	1005.8	721.0	527.8	408.5	334.1	287.9	254.0	228.6	209.1	193.7





REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1012.0	756.2	559.3	434.2	361.0	307.8	269.5	241.2	219.9	203.8	190.4
-25°	726.6	562.7	448.2	376.5	320.6	280.4	252.2	230.2	212.8	198.9	186.6
-27.5°	531.7	434.6	378.0	326.1	287.6	260.4	237.6	219.1	204.9	193.3	182.7
-30°	411.5	363.9	323.0	288.3	263.3	241.5	224.0	209.9	197.6	187.0	177.3
-32.5°	337.8	310.8	282.0	261.5	242.2	226.1	212.6	200.5	190.0	180.5	171.8
-35°	290.8	272.4	254.5	239.3	225.1	212.8	201.3	191.6	182.4	173.7	166.2
-37.5°	257.6	244.5	233.0	221.2	210.7	200.3	191.2	182.9	174.6	167.5	160.8
-40°	233.0	223.5	215.6	206.5	197.8	189.0	181.9	174.6	167.9	161.4	155.4
-42.5°	214.3	207.9	201.0	193.7	186.3	179.9	173.4	167.3	161.3	155.4	150.2
-45°	199.5	194.1	188.1	182.7	177.0	171.3	165.6	160.0	154.5	149.7	145.1
-47.5°	186.7	182.4	177.8	173.1	168.2	163.2	157.8	152.4	148.0	143.7	139.0
-50°	175.8	172.2	168.3	164.2	160.0	155.3	150.4	145.3	141.4	137.2	132.6
-52.5°	165.7	162.9	159.6	156.0	152.1	147.8	143.2	138.5	134.4	130.3	125.8
-55°	156.4	154.1	151.1	147.8	144.3	140.2	136.0	131.4	127.2	123.3	117.9
-57.5°	147.2	145.2	142.2	139.2	136.1	132.1	127.8	123.8	119.3	114.7	109.4
-60°	136.6	135.3	132.1	128.9	125.8	122.5	118.5	114.4	110.4	105.5	99.9
-62.5°	123.3	121.9	119.4	116.8	114.3	111.5	108.0	104.2	100.4	95.9	89.7
-65°	108.7	107.2	105.4	103.9	101.9	99.6	96.5	93.0	88.8	83.9	78.7
-67.5°	95.4	94.2	92.9	91.4	89.5	87.2	84.1	80.5	76.7	72.8	68.7
-70°	83.4	82.5	81.2	79.5	77.4	74.9	72.1	68.9	65.6	62.2	58.6
-72.5°	71.2	70.3	69.0	67.2	65.0	62.8	60.4	57.7	54.8	51.6	48.7
-75°	58.6	57.8	56.7	55.1	53.4	51.5	49.4	47.0	44.6	42.2	39.9
-77.5°	46.3	45.5	44.4	43.1	41.6	40.0	38.4	36.6	34.9	33.1	31.3
-80°	34.3	33.7	33.0	32.0	30.8	29.5	28.2	26.9	25.5	24.2	23.0
-82.5°	23.4	23.2	22.9	22.1	21.2	20.3	19.4	18.6	17.8	17.0	16.1
-85°	13.1	13.1	13.0	12.7	12.2	11.8	11.3	10.8	10.3	9.7	9.1
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-740-U-MR-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°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
85°	8.5	7.8	7.1	6.4	5.7	5.0	4.6	4.2	3.8	3.4	3.0
82.5°	15.1	14.2	13.1	12.1	11.0	9.9	8.8	7.6	6.4	5.2	4.5
80°	21.8	20.5	19.1	17.8	16.4	14.8	13.3	11.7	10.0	8.3	6.8
77.5°	29.3	27.3	25.2	23.4	21.8	20.1	18.1	15.9	13.6	11.4	9.4
75°	37.6	35.1	32.6	30.1	27.7	25.3	23.1	20.5	17.6	14.5	12.0
72.5°	46.1	43.3	40.2	37.0	34.2	31.3	28.3	25.1	21.7	18.2	14.7
70°	55.1	51.6	48.2	44.6	41.0	37.3	33.8	29.9	25.7	21.8	17.8
67.5°	64.4	60.3	56.2	52.1	48.0	43.7	39.4	34.8	30.1	25.4	21.0
65°	74.0	69.0	64.0	59.5	54.9	50.1	45.3	39.8	34.5	29.2	24.0
62.5°	83.7	78.0	72.4	67.0	61.8	56.5	51.0	44.8	38.8	33.0	27.3
60°	93.5	87.0	80.7	74.6	68.6	62.7	56.6	49.8	43.2	36.8	30.5
57.5°	102.9	95.7	88.6	81.9	75.4	68.9	62.0	54.6	47.4	40.4	33.7
55°	112.0	104.6	96.3	88.7	81.7	74.8	67.2	59.5	51.5	44.0	36.8
52.5°	120.1	112.7	104.0	95.4	87.6	80.4	72.2	64.1	55.7	47.5	39.8
50°	127.4	119.9	111.2	102.1	93.2	85.2	77.0	68.4	59.8	50.8	42.7
47.5°	133.6	126.5	118.0	108.4	98.9	89.8	81.3	72.5	63.7	54.3	45.5
45°	139.3	132.8	124.4	114.6	104.2	94.5	85.3	76.3	67.1	57.7	48.2
42.5°	144.7	138.4	130.6	120.6	109.6	99.1	89.2	79.9	70.4	60.9	50.9
40°	149.5	143.2	136.4	126.2	114.6	103.3	93.1	83.2	73.4	63.8	53.5
37.5°	154.3	147.8	140.7	131.5	119.4	107.6	96.6	86.4	76.4	66.4	56.0
35°	159.1	152.2	144.5	135.6	123.9	111.6	99.9	89.4	79.1	68.8	58.2
32.5°	163.8	156.1	148.0	139.1	128.1	115.2	103.1	92.2	81.7	71.1	60.3
30°	168.4	159.4	151.0	142.7	131.8	118.7	106.2	94.9	84.1	73.2	62.3
27.5°	171.9	162.2	153.7	145.5	134.9	122.0	109.3	97.4	86.3	75.1	64.0
25°	175.1	165.0	156.1	147.8	138.0	125.4	112.1	99.7	88.3	76.9	65.5
22.5°	178.2	167.3	158.0	149.7	140.9	128.5	114.7	101.9	90.1	78.5	66.9
20°	181.0	169.3	159.6	151.4	142.9	130.8	117.2	103.9	91.7	79.9	68.1
17.5°	183.3	171.2	161.3	152.8	144.2	132.9	119.4	105.7	93.1	81.1	69.2
15°	185.6	173.2	162.7	153.9	145.4	134.5	121.2	107.2	94.3	82.2	70.2
12.5°	187.7	174.7	163.8	154.7	146.3	135.8	122.7	108.4	95.2	83.2	71.1
10°	189.2	175.7	164.6	155.2	147.1	136.8	123.9	109.6	96.4	84.0	71.8
7.5°	190.3	176.2	165.1	155.4	147.6	137.6	125.1	110.8	97.4	84.7	72.4
5°	191.1	176.4	165.3	155.8	147.9	138.4	126.0	111.8	98.3	85.2	72.9
2.5°	192.0	176.5	165.3	156.2	147.9	138.8	126.4	112.5	98.9	85.5	73.1
0°	192.3	176.2	165.0	156.3	147.6	139.0	126.6	112.9	99.3	85.6	73.2
-2.5°	192.0	176.5	165.3	156.2	147.9	138.8	126.4	112.5	98.9	85.5	73.1
-5°	191.1	176.4	165.3	155.8	147.9	138.4	126.0	111.8	98.3	85.2	72.9
-7.5°	190.3	176.2	165.1	155.4	147.6	137.6	125.1	110.8	97.4	84.7	72.4
-10°	189.2	175.7	164.6	155.2	147.1	136.8	123.9	109.6	96.4	84.0	71.8
-12.5°	187.7	174.7	163.8	154.7	146.3	135.8	122.7	108.4	95.2	83.2	71.1
-15°	185.6	173.2	162.7	153.9	145.4	134.5	121.2	107.2	94.3	82.2	70.2
-17.5°	183.3	171.2	161.3	152.8	144.2	132.9	119.4	105.7	93.1	81.1	69.2
-20°	181.0	169.3	159.6	151.4	142.9	130.8	117.2	103.9	91.7	79.9	68.1

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Scaled Data Report



REPORT NUMBER: P626685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	178.2	167.3	158.0	149.7	140.9	128.5	114.7	101.9	90.1	78.5	66.9
-25°	175.1	165.0	156.1	147.8	138.0	125.4	112.1	99.7	88.3	76.9	65.5
-27.5°	171.9	162.2	153.7	145.5	134.9	122.0	109.3	97.4	86.3	75.1	64.0
-30°	168.4	159.4	151.0	142.7	131.8	118.7	106.2	94.9	84.1	73.2	62.3
-32.5°	163.8	156.1	148.0	139.1	128.1	115.2	103.1	92.2	81.7	71.1	60.3
-35°	159.1	152.2	144.5	135.6	123.9	111.6	99.9	89.4	79.1	68.8	58.2
-37.5°	154.3	147.8	140.7	131.5	119.4	107.6	96.6	86.4	76.4	66.4	56.0
-40°	149.5	143.2	136.4	126.2	114.6	103.3	93.1	83.2	73.4	63.8	53.5
-42.5°	144.7	138.4	130.6	120.6	109.6	99.1	89.2	79.9	70.4	60.9	50.9
-45°	139.3	132.8	124.4	114.6	104.2	94.5	85.3	76.3	67.1	57.7	48.2
-47.5°	133.6	126.5	118.0	108.4	98.9	89.8	81.3	72.5	63.7	54.3	45.5
-50°	127.4	119.9	111.2	102.1	93.2	85.2	77.0	68.4	59.8	50.8	42.7
-52.5°	120.1	112.7	104.0	95.4	87.6	80.4	72.2	64.1	55.7	47.5	39.8
-55°	112.0	104.6	96.3	88.7	81.7	74.8	67.2	59.5	51.5	44.0	36.8
-57.5°	102.9	95.7	88.6	81.9	75.4	68.9	62.0	54.6	47.4	40.4	33.7
-60°	93.5	87.0	80.7	74.6	68.6	62.7	56.6	49.8	43.2	36.8	30.5
-62.5°	83.7	78.0	72.4	67.0	61.8	56.5	51.0	44.8	38.8	33.0	27.3
-65°	74.0	69.0	64.0	59.5	54.9	50.1	45.3	39.8	34.5	29.2	24.0
-67.5°	64.4	60.3	56.2	52.1	48.0	43.7	39.4	34.8	30.1	25.4	21.0
-70°	55.1	51.6	48.2	44.6	41.0	37.3	33.8	29.9	25.7	21.8	17.8
-72.5°	46.1	43.3	40.2	37.0	34.2	31.3	28.3	25.1	21.7	18.2	14.7
-75°	37.6	35.1	32.6	30.1	27.7	25.3	23.1	20.5	17.6	14.5	12.0
-77.5°	29.3	27.3	25.2	23.4	21.8	20.1	18.1	15.9	13.6	11.4	9.4
-80°	21.8	20.5	19.1	17.8	16.4	14.8	13.3	11.7	10.0	8.3	6.8
-82.5°	15.1	14.2	13.1	12.1	11.0	9.9	8.8	7.6	6.4	5.2	4.5
-85°	8.5	7.8	7.1	6.4	5.7	5.0	4.6	4.2	3.8	3.4	3.0
-87.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	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-SA1C-740-U-MR-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	7.4	5.6	4.3	3.2	2.2	1.1	0.0
75°	9.6	7.4	5.3	3.9	2.6	1.3	0.0
72.5°	11.8	9.2	6.7	4.5	3.0	1.5	0.0
70°	14.0	11.0	8.1	5.2	3.4	1.7	0.0
67.5°	16.7	12.7	9.5	6.2	3.8	1.9	0.0
65°	19.3	14.7	10.9	7.3	4.2	2.1	0.0
62.5°	21.9	16.9	12.2	8.3	4.6	2.3	0.0
60°	24.5	19.0	13.5	9.3	5.0	2.5	0.0
57.5°	27.2	21.1	15.2	10.2	5.6	2.7	0.0
55°	29.8	23.1	16.8	11.2	6.3	2.9	0.0
52.5°	32.3	25.1	18.4	12.1	6.9	3.0	0.0
50°	34.8	27.1	19.9	13.0	7.4	3.2	0.0
47.5°	37.1	29.1	21.4	13.9	8.0	3.4	0.0
45°	39.4	30.9	22.8	14.9	8.6	3.5	0.0
42.5°	41.6	32.6	24.2	15.9	9.1	3.7	0.0
40°	43.7	34.3	25.5	16.9	9.6	3.8	0.0
37.5°	45.7	35.8	26.7	17.8	10.0	4.0	0.0
35°	47.6	37.3	27.9	18.6	10.5	4.1	0.0
32.5°	49.3	38.8	28.9	19.4	10.9	4.2	0.0
30°	51.0	40.1	30.0	20.1	11.3	4.3	0.0
27.5°	52.6	41.4	30.9	20.7	11.7	4.4	0.0
25°	53.9	42.6	31.7	21.3	12.0	4.5	0.0
22.5°	55.2	43.6	32.5	21.8	12.3	4.6	0.0
20°	56.3	44.5	33.2	22.3	12.6	4.7	0.0
17.5°	57.3	45.3	33.8	22.7	12.8	4.8	0.0
15°	58.2	45.9	34.4	23.0	13.0	4.8	0.0
12.5°	58.9	46.4	34.9	23.2	13.2	4.9	0.0
10°	59.6	46.8	35.3	23.4	13.3	4.9	0.0
7.5°	60.1	47.0	35.6	23.6	13.5	5.0	0.0
5°	60.5	47.2	35.8	23.6	13.5	5.0	0.0
2.5°	60.7	47.2	36.0	23.7	13.6	5.0	0.0
0°	60.8	47.1	36.0	23.6	13.6	5.0	0.0
-2.5°	60.7	47.2	36.0	23.7	13.6	5.0	0.0
-5°	60.5	47.2	35.8	23.6	13.5	5.0	0.0
-7.5°	60.1	47.0	35.6	23.6	13.5	5.0	0.0
-10°	59.6	46.8	35.3	23.4	13.3	4.9	0.0
-12.5°	58.9	46.4	34.9	23.2	13.2	4.9	0.0
-15°	58.2	45.9	34.4	23.0	13.0	4.8	0.0
-17.5°	57.3	45.3	33.8	22.7	12.8	4.8	0.0
-20°	56.3	44.5	33.2	22.3	12.6	4.7	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.2	43.6	32.5	21.8	12.3	4.6	0.0
-25°	53.9	42.6	31.7	21.3	12.0	4.5	0.0
-27.5°	52.6	41.4	30.9	20.7	11.7	4.4	0.0
-30°	51.0	40.1	30.0	20.1	11.3	4.3	0.0
-32.5°	49.3	38.8	28.9	19.4	10.9	4.2	0.0
-35°	47.6	37.3	27.9	18.6	10.5	4.1	0.0
-37.5°	45.7	35.8	26.7	17.8	10.0	4.0	0.0
-40°	43.7	34.3	25.5	16.9	9.6	3.8	0.0
-42.5°	41.6	32.6	24.2	15.9	9.1	3.7	0.0
-45°	39.4	30.9	22.8	14.9	8.6	3.5	0.0
-47.5°	37.1	29.1	21.4	13.9	8.0	3.4	0.0
-50°	34.8	27.1	19.9	13.0	7.4	3.2	0.0
-52.5°	32.3	25.1	18.4	12.1	6.9	3.0	0.0
-55°	29.8	23.1	16.8	11.2	6.3	2.9	0.0
-57.5°	27.2	21.1	15.2	10.2	5.6	2.7	0.0
-60°	24.5	19.0	13.5	9.3	5.0	2.5	0.0
-62.5°	21.9	16.9	12.2	8.3	4.6	2.3	0.0
-65°	19.3	14.7	10.9	7.3	4.2	2.1	0.0
-67.5°	16.7	12.7	9.5	6.2	3.8	1.9	0.0
-70°	14.0	11.0	8.1	5.2	3.4	1.7	0.0
-72.5°	11.8	9.2	6.7	4.5	3.0	1.5	0.0
-75°	9.6	7.4	5.3	3.9	2.6	1.3	0.0
-77.5°	7.4	5.6	4.3	3.2	2.2	1.1	0.0
-80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)