

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: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1C-750-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N30  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

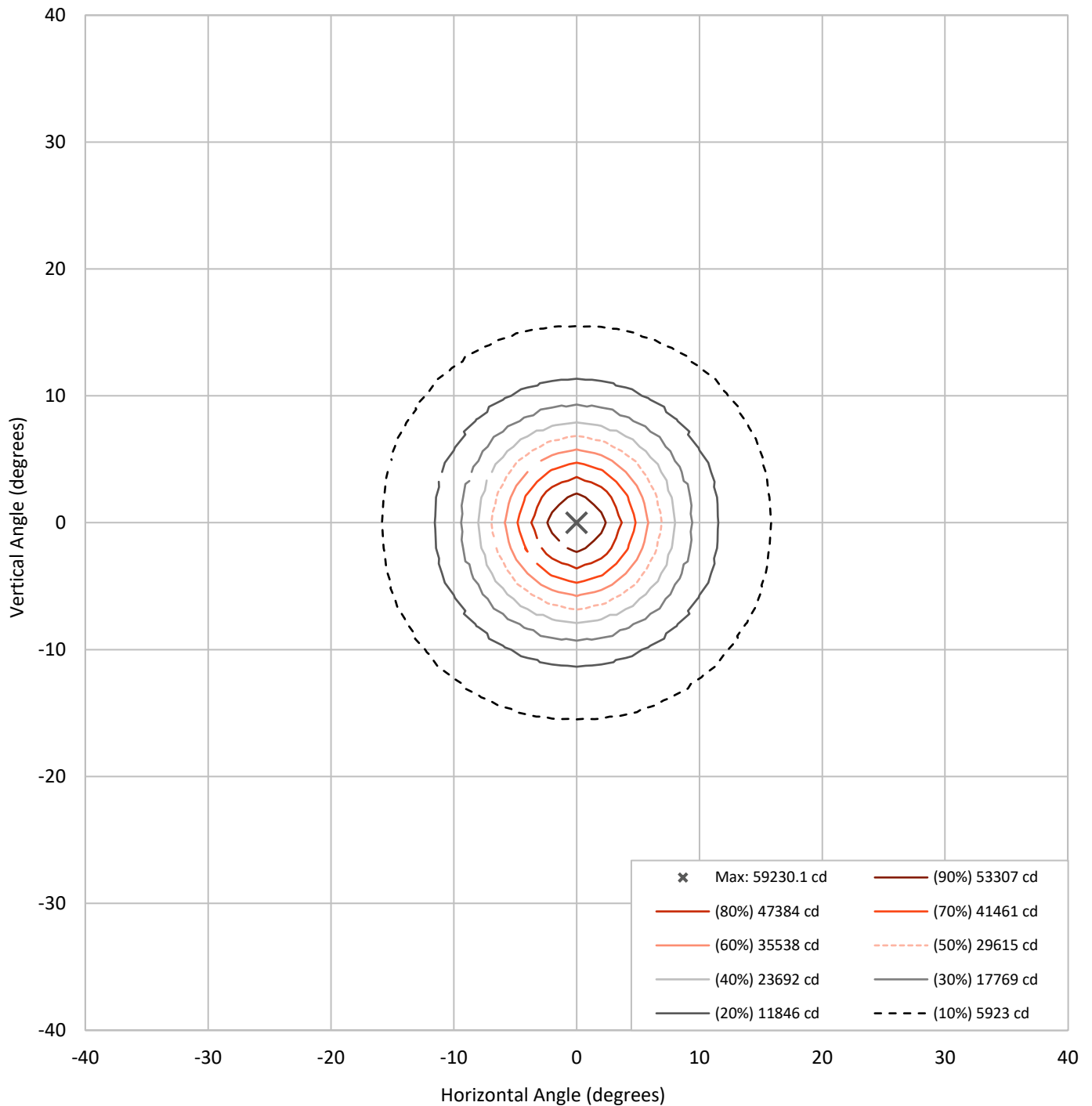
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	6289.4 lumens	Max Intensity:	59230.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	1859.5 lumens	Field Lumens:	4184.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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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### Iso-Candela Plot





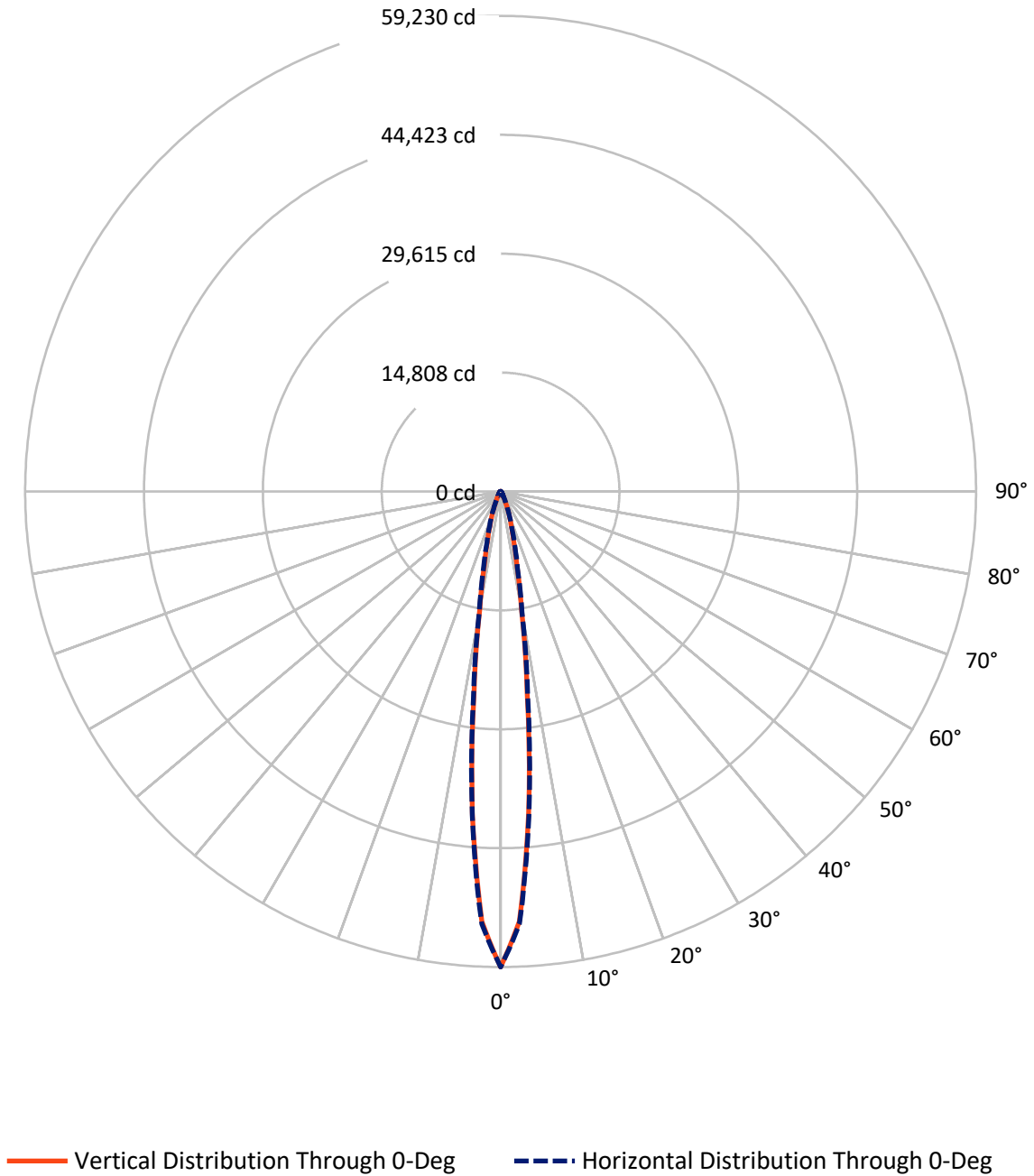
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### Lumen Table

90	0.1	0.9	2.3	3.7	4.0	3.7	2.3	0.9	0.1										
80	0.1	0.9	2.3	3.7	4.0	3.7	2.3	0.9	0.1										
70	0.4	0.4	0.9	1.5	2.1	2.6	2.9	3.0	3.0	2.9	2.6	2.1	1.5	0.9	0.4	0.4			
60		0.7	1.4	2.2	3.0	3.6	4.1	4.2	4.2	4.1	3.6	3.0	2.2	1.4	0.7				
50	0.7	0.9	1.8	2.7	3.6	4.6	5.4	5.8	5.8	5.4	4.6	3.6	2.7	1.8	0.9	0.7			
40		1.1	2.1	3.2	4.5	6.4	9.1	11.2	11.2	9.1	6.4	4.5	3.2	2.1	1.1				
30	0.9	1.2	2.3	3.6	5.8	11.5	26.2	43.3	43.3	26.2	11.5	5.8	3.6	2.3	1.2	0.9			
20		1.3	2.4	3.9	7.7	24.4	86.6	186.6	186.6	86.6	24.4	7.7	3.9	2.4	1.3				
10	1.0	1.3	2.4	4.2	9.3	40.2	188.4	813.7	813.7	188.4	40.2	9.3	4.2	2.4	1.3	1.0			
0		1.3	2.4	4.2	9.3	40.2	188.4	813.7	813.7	188.4	40.2	9.3	4.2	2.4	1.3				
-10	0.9	1.3	2.4	3.9	7.7	24.4	86.6	186.6	186.6	86.6	24.4	7.7	3.9	2.4	1.3	0.9			
-20		1.2	2.3	3.6	5.8	11.5	26.2	43.3	43.3	26.2	11.5	5.8	3.6	2.3	1.2				
-30	0.7	1.1	2.1	3.2	4.5	6.4	9.1	11.2	11.2	9.1	6.4	4.5	3.2	2.1	1.1	0.7			
-40		0.9	1.8	2.7	3.6	4.6	5.4	5.8	5.8	5.4	4.6	3.6	2.7	1.8	0.9				
-50	0.4	0.7	1.4	2.2	3.0	3.6	4.1	4.2	4.2	4.1	3.6	3.0	2.2	1.4	0.7	0.4			
-60		0.4	0.9	1.5	2.1	2.6	2.9	3.0	3.0	2.9	2.6	2.1	1.5	0.9	0.4				
-70	0.1	0.9	2.3	3.7	4.0	3.7	2.3	0.9	0.1						0.1				
-80		0.1	0.9	2.3	3.7	4.0	3.7	2.3	0.9	0.1									
-90	0.1	0.9	2.3	3.7	4.0	3.7	2.3	0.9	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

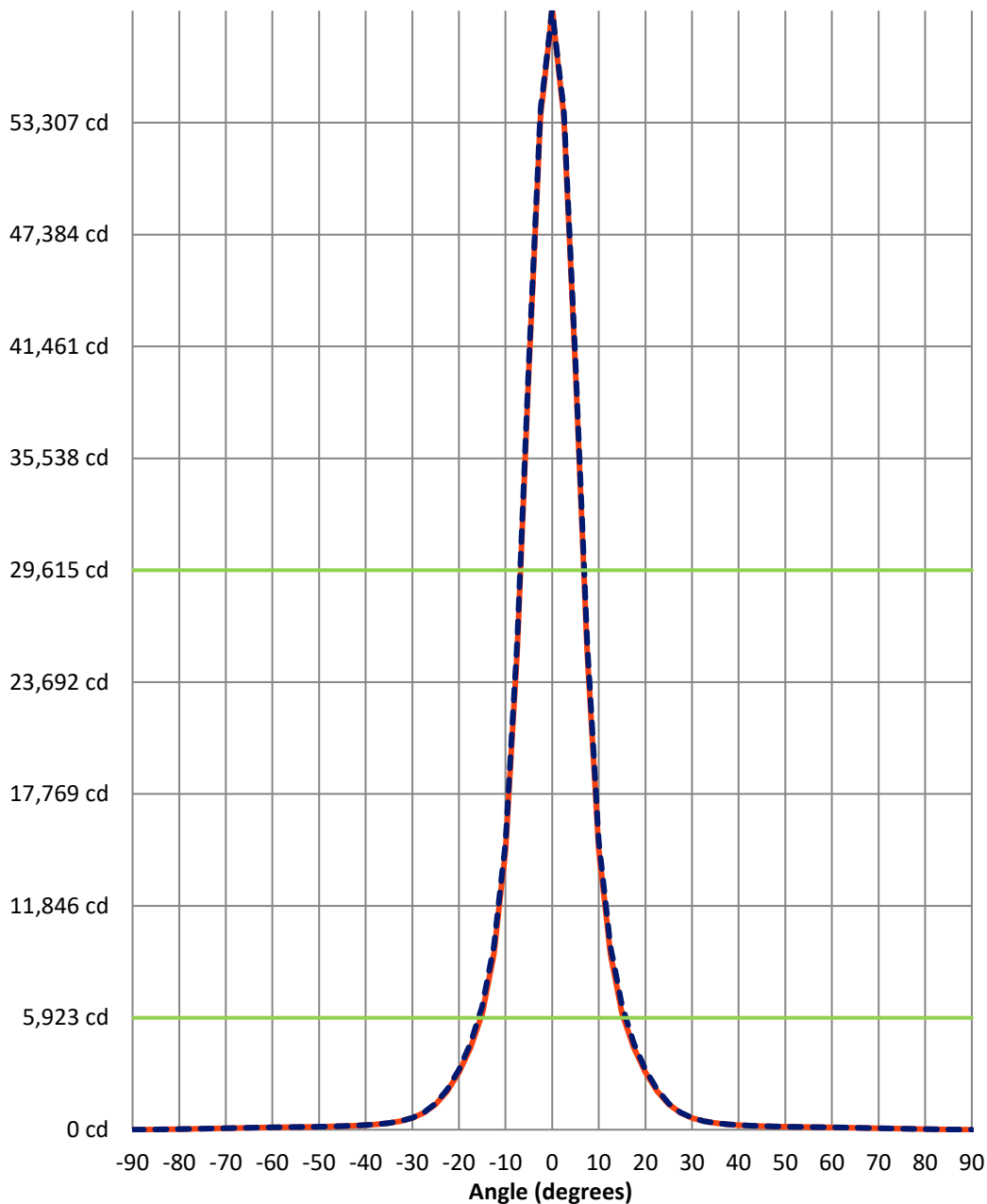
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.7°  
V Angle: 13.6°  
Lumens: 1859.5  
Efficiency: 29.6%

**Field:**  
H Angle: 31.6°  
V Angle: 30.6°  
Lumens: 4184.6  
Efficiency: 66.5%

**Spill:**  
Lumens: 2104.8  
Efficiency: 33.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
82.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.6	5.3	6.2	7.1
80°	0.0	0.8	1.8	2.6	3.5	4.4	5.3	6.6	7.9	9.1	10.3
77.5°	0.0	1.0	2.2	3.3	4.4	5.6	7.2	8.8	10.4	11.9	13.6
75°	0.0	1.1	2.6	3.9	5.3	7.2	9.1	11.1	13.0	15.1	17.3
72.5°	0.0	1.3	3.0	4.6	6.5	8.6	11.0	13.4	15.9	18.4	20.9
70°	0.0	1.5	3.4	5.3	7.6	10.1	12.9	15.9	18.8	21.7	24.9
67.5°	0.0	1.7	3.8	6.1	8.7	11.5	15.0	18.4	21.7	25.3	28.9
65°	0.0	1.9	4.2	6.8	9.8	13.1	17.1	20.9	24.9	28.9	33.1
62.5°	0.0	2.0	4.6	7.6	10.8	14.8	19.1	23.5	28.0	32.6	37.9
60°	0.0	2.2	4.9	8.3	11.8	16.5	21.1	26.2	31.1	36.7	42.5
57.5°	0.0	2.3	5.4	9.0	13.1	18.1	23.3	28.9	34.5	40.6	47.0
55°	0.0	2.5	5.8	9.7	14.4	19.7	25.5	31.4	37.8	44.4	51.3
52.5°	0.0	2.6	6.3	10.4	15.6	21.2	27.6	34.1	41.0	48.1	55.5
50°	0.0	2.8	6.7	11.0	16.8	22.9	29.6	36.7	44.1	51.7	59.5
47.5°	0.0	2.9	7.1	11.7	17.9	24.5	31.6	39.3	47.1	55.0	63.3
45°	0.0	3.0	7.5	12.5	19.0	26.1	33.7	41.8	49.9	58.4	67.1
42.5°	0.0	3.1	7.9	13.3	20.0	27.6	35.7	44.2	52.6	61.8	70.8
40°	0.0	3.2	8.2	14.0	21.1	29.0	37.6	46.4	55.3	65.0	74.4
37.5°	0.0	3.3	8.6	14.8	22.2	30.4	39.4	48.6	58.0	68.0	77.8
35°	0.0	3.4	8.9	15.5	23.2	31.7	41.2	50.6	60.4	70.8	81.2
32.5°	0.0	3.5	9.2	16.1	24.1	33.1	42.8	52.5	62.7	73.4	84.1
30°	0.0	3.6	9.5	16.7	25.0	34.3	44.3	54.3	64.8	75.8	86.8
27.5°	0.0	3.6	9.8	17.3	25.9	35.5	45.7	55.9	66.7	78.1	89.1
25°	0.0	3.7	10.1	17.8	26.6	36.5	46.9	57.5	68.5	80.0	91.2
22.5°	0.0	3.7	10.3	18.3	27.4	37.5	48.1	58.8	70.1	81.8	93.1
20°	0.0	3.8	10.5	18.7	28.0	38.3	49.1	60.0	71.6	83.2	94.7
17.5°	0.0	3.8	10.7	19.1	28.6	39.0	50.0	61.0	72.8	84.5	96.2
15°	0.0	3.8	10.9	19.4	29.1	39.6	50.6	61.9	73.9	85.5	97.5
12.5°	0.0	3.8	11.1	19.7	29.5	40.0	51.2	62.7	74.8	86.3	98.5
10°	0.0	3.9	11.2	19.9	29.9	40.3	51.6	63.4	75.5	87.1	99.5
7.5°	0.0	3.9	11.3	20.1	30.1	40.6	51.9	64.0	75.9	87.8	100.7
5°	0.0	3.8	11.3	20.2	30.3	40.7	52.1	64.4	76.2	88.4	101.7
2.5°	0.0	3.8	11.4	20.3	30.5	40.7	52.1	64.6	76.2	88.7	102.4
0°	0.0	3.8	11.4	20.3	30.5	40.6	52.0	64.7	76.1	88.8	102.8
-2.5°	0.0	3.8	11.4	20.3	30.5	40.7	52.1	64.6	76.2	88.7	102.4
-5°	0.0	3.8	11.3	20.2	30.3	40.7	52.1	64.4	76.2	88.4	101.7
-7.5°	0.0	3.9	11.3	20.1	30.1	40.6	51.9	64.0	75.9	87.8	100.7
-10°	0.0	3.9	11.2	19.9	29.9	40.3	51.6	63.4	75.5	87.1	99.5
-12.5°	0.0	3.8	11.1	19.7	29.5	40.0	51.2	62.7	74.8	86.3	98.5
-15°	0.0	3.8	10.9	19.4	29.1	39.6	50.6	61.9	73.9	85.5	97.5
-17.5°	0.0	3.8	10.7	19.1	28.6	39.0	50.0	61.0	72.8	84.5	96.2
-20°	0.0	3.8	10.5	18.7	28.0	38.3	49.1	60.0	71.6	83.2	94.7

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.7	10.3	18.3	27.4	37.5	48.1	58.8	70.1	81.8	93.1
-25°	0.0	3.7	10.1	17.8	26.6	36.5	46.9	57.5	68.5	80.0	91.2
-27.5°	0.0	3.6	9.8	17.3	25.9	35.5	45.7	55.9	66.7	78.1	89.1
-30°	0.0	3.6	9.5	16.7	25.0	34.3	44.3	54.3	64.8	75.8	86.8
-32.5°	0.0	3.5	9.2	16.1	24.1	33.1	42.8	52.5	62.7	73.4	84.1
-35°	0.0	3.4	8.9	15.5	23.2	31.7	41.2	50.6	60.4	70.8	81.2
-37.5°	0.0	3.3	8.6	14.8	22.2	30.4	39.4	48.6	58.0	68.0	77.8
-40°	0.0	3.2	8.2	14.0	21.1	29.0	37.6	46.4	55.3	65.0	74.4
-42.5°	0.0	3.1	7.9	13.3	20.0	27.6	35.7	44.2	52.6	61.8	70.8
-45°	0.0	3.0	7.5	12.5	19.0	26.1	33.7	41.8	49.9	58.4	67.1
-47.5°	0.0	2.9	7.1	11.7	17.9	24.5	31.6	39.3	47.1	55.0	63.3
-50°	0.0	2.8	6.7	11.0	16.8	22.9	29.6	36.7	44.1	51.7	59.5
-52.5°	0.0	2.6	6.3	10.4	15.6	21.2	27.6	34.1	41.0	48.1	55.5
-55°	0.0	2.5	5.8	9.7	14.4	19.7	25.5	31.4	37.8	44.4	51.3
-57.5°	0.0	2.3	5.4	9.0	13.1	18.1	23.3	28.9	34.5	40.6	47.0
-60°	0.0	2.2	4.9	8.3	11.8	16.5	21.1	26.2	31.1	36.7	42.5
-62.5°	0.0	2.0	4.6	7.6	10.8	14.8	19.1	23.5	28.0	32.6	37.9
-65°	0.0	1.9	4.2	6.8	9.8	13.1	17.1	20.9	24.9	28.9	33.1
-67.5°	0.0	1.7	3.8	6.1	8.7	11.5	15.0	18.4	21.7	25.3	28.9
-70°	0.0	1.5	3.4	5.3	7.6	10.1	12.9	15.9	18.8	21.7	24.9
-72.5°	0.0	1.3	3.0	4.6	6.5	8.6	11.0	13.4	15.9	18.4	20.9
-75°	0.0	1.1	2.6	3.9	5.3	7.2	9.1	11.1	13.0	15.1	17.3
-77.5°	0.0	1.0	2.2	3.3	4.4	5.6	7.2	8.8	10.4	11.9	13.6
-80°	0.0	0.8	1.8	2.6	3.5	4.4	5.3	6.6	7.9	9.1	10.3
-82.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.6	5.3	6.2	7.1
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-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°	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.0
85°	4.7	5.1	5.7	6.2	6.7	7.1	7.4	7.7	8.2	8.8	9.4
82.5°	8.0	8.9	9.7	10.6	11.1	11.6	12.0	12.6	13.8	14.8	15.8
80°	11.5	12.6	14.0	15.2	16.3	17.5	18.6	19.8	21.0	22.2	23.3
77.5°	15.3	17.0	18.7	20.3	21.9	23.6	25.3	26.9	28.4	29.9	31.2
75°	19.3	21.4	23.6	25.8	27.9	30.0	32.0	34.2	36.3	38.2	40.1
72.5°	23.5	26.2	28.9	31.4	34.2	36.9	39.5	42.1	44.6	47.2	49.9
70°	28.0	31.1	34.5	37.8	40.9	44.2	47.4	50.2	52.9	56.5	60.1
67.5°	32.6	36.8	40.6	44.4	48.5	52.4	55.7	59.3	63.1	67.2	70.8
65°	38.0	42.6	47.1	51.8	56.6	60.6	64.7	69.1	73.5	77.6	81.5
62.5°	43.4	48.5	53.7	58.9	63.8	68.6	73.6	78.5	83.3	88.0	92.2
60°	48.6	54.4	59.9	65.2	70.8	76.8	82.4	87.8	93.4	98.8	101.7
57.5°	53.6	59.8	65.5	71.5	78.1	84.8	90.6	96.8	101.7	105.4	109.1
55°	58.3	64.7	71.0	77.8	84.9	91.8	98.3	103.8	108.3	111.8	115.6
52.5°	62.7	69.5	76.3	83.7	91.2	98.6	105.5	110.6	114.7	118.1	121.8
50°	67.0	74.1	81.3	89.4	97.5	105.4	112.1	116.8	120.6	124.2	128.0
47.5°	71.2	78.7	86.5	95.1	103.9	111.5	117.9	122.2	126.0	130.2	134.3
45°	75.4	83.5	91.7	101.0	109.8	117.2	122.6	126.9	131.6	136.2	140.6
42.5°	79.4	88.2	97.1	106.8	115.3	121.9	126.9	132.0	137.1	142.0	147.0
40°	83.5	92.7	102.2	111.8	120.3	126.1	131.4	136.9	142.5	147.8	153.3
37.5°	87.5	97.0	106.8	116.4	124.2	130.0	135.5	141.6	147.5	153.3	160.5
35°	91.2	100.9	110.7	120.1	127.6	133.6	139.7	146.1	152.4	159.8	168.0
32.5°	94.6	104.4	114.3	123.0	130.4	136.8	143.8	150.4	157.9	166.4	176.1
30°	97.4	107.4	117.4	125.9	133.1	139.9	147.4	154.8	163.5	173.7	185.3
27.5°	99.9	110.1	119.9	128.3	135.6	142.5	150.4	159.6	169.7	181.1	194.7
25°	102.2	112.9	122.1	130.6	137.7	144.9	153.3	163.5	175.6	189.4	206.1
22.5°	104.4	115.5	124.5	132.7	139.3	147.0	156.5	167.7	180.8	196.9	217.3
20°	106.5	117.5	126.4	134.4	140.6	148.9	159.4	171.3	186.2	205.5	229.0
17.5°	108.4	119.2	127.9	135.4	142.1	150.9	161.9	174.3	191.0	213.2	239.8
15°	110.1	120.6	129.1	136.2	143.5	153.1	164.6	177.9	196.1	220.6	249.3
12.5°	111.7	121.8	130.0	136.8	144.6	154.8	166.9	181.7	201.8	227.8	261.4
10°	113.0	122.7	130.6	137.3	145.5	156.1	168.9	184.8	206.2	233.5	270.7
7.5°	114.1	123.4	131.1	137.5	146.0	157.1	170.4	187.2	209.4	237.5	277.4
5°	114.9	124.0	131.6	138.3	146.9	157.8	171.5	188.9	211.2	239.8	281.5
2.5°	115.4	124.3	131.9	139.0	147.9	158.4	172.3	190.6	212.7	242.2	284.7
0°	115.5	124.4	132.0	139.6	148.5	158.6	172.6	191.6	213.2	243.7	286.8
-2.5°	115.4	124.3	131.9	139.0	147.9	158.4	172.3	190.6	212.7	242.2	284.7
-5°	114.9	124.0	131.6	138.3	146.9	157.8	171.5	188.9	211.2	239.8	281.5
-7.5°	114.1	123.4	131.1	137.5	146.0	157.1	170.4	187.2	209.4	237.5	277.4
-10°	113.0	122.7	130.6	137.3	145.5	156.1	168.9	184.8	206.2	233.5	270.7
-12.5°	111.7	121.8	130.0	136.8	144.6	154.8	166.9	181.7	201.8	227.8	261.4
-15°	110.1	120.6	129.1	136.2	143.5	153.1	164.6	177.9	196.1	220.6	249.3
-17.5°	108.4	119.2	127.9	135.4	142.1	150.9	161.9	174.3	191.0	213.2	239.8
-20°	106.5	117.5	126.4	134.4	140.6	148.9	159.4	171.3	186.2	205.5	229.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	104.4	115.5	124.5	132.7	139.3	147.0	156.5	167.7	180.8	196.9	217.3
-25°	102.2	112.9	122.1	130.6	137.7	144.9	153.3	163.5	175.6	189.4	206.1
-27.5°	99.9	110.1	119.9	128.3	135.6	142.5	150.4	159.6	169.7	181.1	194.7
-30°	97.4	107.4	117.4	125.9	133.1	139.9	147.4	154.8	163.5	173.7	185.3
-32.5°	94.6	104.4	114.3	123.0	130.4	136.8	143.8	150.4	157.9	166.4	176.1
-35°	91.2	100.9	110.7	120.1	127.6	133.6	139.7	146.1	152.4	159.8	168.0
-37.5°	87.5	97.0	106.8	116.4	124.2	130.0	135.5	141.6	147.5	153.3	160.5
-40°	83.5	92.7	102.2	111.8	120.3	126.1	131.4	136.9	142.5	147.8	153.3
-42.5°	79.4	88.2	97.1	106.8	115.3	121.9	126.9	132.0	137.1	142.0	147.0
-45°	75.4	83.5	91.7	101.0	109.8	117.2	122.6	126.9	131.6	136.2	140.6
-47.5°	71.2	78.7	86.5	95.1	103.9	111.5	117.9	122.2	126.0	130.2	134.3
-50°	67.0	74.1	81.3	89.4	97.5	105.4	112.1	116.8	120.6	124.2	128.0
-52.5°	62.7	69.5	76.3	83.7	91.2	98.6	105.5	110.6	114.7	118.1	121.8
-55°	58.3	64.7	71.0	77.8	84.9	91.8	98.3	103.8	108.3	111.8	115.6
-57.5°	53.6	59.8	65.5	71.5	78.1	84.8	90.6	96.8	101.7	105.4	109.1
-60°	48.6	54.4	59.9	65.2	70.8	76.8	82.4	87.8	93.4	98.8	101.7
-62.5°	43.4	48.5	53.7	58.9	63.8	68.6	73.6	78.5	83.3	88.0	92.2
-65°	38.0	42.6	47.1	51.8	56.6	60.6	64.7	69.1	73.5	77.6	81.5
-67.5°	32.6	36.8	40.6	44.4	48.5	52.4	55.7	59.3	63.1	67.2	70.8
-70°	28.0	31.1	34.5	37.8	40.9	44.2	47.4	50.2	52.9	56.5	60.1
-72.5°	23.5	26.2	28.9	31.4	34.2	36.9	39.5	42.1	44.6	47.2	49.9
-75°	19.3	21.4	23.6	25.8	27.9	30.0	32.0	34.2	36.3	38.2	40.1
-77.5°	15.3	17.0	18.7	20.3	21.9	23.6	25.3	26.9	28.4	29.9	31.2
-80°	11.5	12.6	14.0	15.2	16.3	17.5	18.6	19.8	21.0	22.2	23.3
-82.5°	8.0	8.9	9.7	10.6	11.1	11.6	12.0	12.6	13.8	14.8	15.8
-85°	4.7	5.1	5.7	6.2	6.7	7.1	7.4	7.7	8.2	8.8	9.4
-87.5°	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.6	3.8	3.9	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: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.7	4.4
85°	9.9	10.3	10.7	11.0	11.3	11.5	11.8	12.0	12.2	12.0	11.8
82.5°	16.7	17.4	18.0	18.6	19.1	19.6	20.0	20.4	20.7	20.7	20.6
80°	24.3	25.4	26.5	27.6	28.7	29.3	29.8	30.1	30.3	30.5	30.5
77.5°	32.7	34.4	36.1	37.9	39.6	40.5	41.2	41.8	42.2	42.4	42.3
75°	41.9	44.1	46.5	48.6	50.4	51.6	52.3	53.0	53.5	53.6	53.6
72.5°	52.7	55.4	57.6	59.3	60.9	62.1	63.0	63.9	64.6	64.8	64.9
70°	63.3	66.0	68.0	69.8	71.3	72.6	73.7	74.7	75.6	76.2	76.6
67.5°	74.1	77.1	79.2	80.8	82.1	83.4	84.9	86.3	87.4	88.2	88.6
65°	85.2	88.3	90.2	92.0	93.6	95.2	97.0	98.2	99.1	99.6	99.9
62.5°	95.8	98.7	101.2	103.6	105.9	107.8	108.9	110.0	110.9	111.7	112.2
60°	104.9	108.7	111.5	113.8	116.0	118.1	119.6	120.7	121.6	122.3	122.7
57.5°	112.8	116.6	119.9	122.1	124.5	127.1	128.8	129.7	130.6	131.4	131.7
55°	119.6	123.1	126.2	129.2	131.9	134.2	136.0	137.3	138.4	139.2	139.5
52.5°	125.8	129.6	133.2	136.4	139.1	141.3	143.0	144.6	145.9	146.7	147.1
50°	132.2	136.4	140.3	143.8	146.5	148.9	151.1	153.0	154.8	156.3	157.3
47.5°	138.6	143.0	147.3	151.2	154.4	158.0	161.2	163.9	166.5	168.7	170.2
45°	145.0	150.1	154.8	159.7	164.1	168.8	173.2	176.9	180.8	183.6	185.6
42.5°	152.2	157.9	163.5	169.7	175.7	181.8	188.4	194.3	198.8	203.1	206.5
40°	159.8	166.4	173.7	181.2	190.1	198.2	207.0	214.6	221.5	228.8	234.6
37.5°	168.0	176.1	185.8	195.9	207.4	218.4	230.0	241.3	251.3	263.0	271.9
35°	176.9	187.9	199.8	213.4	227.7	243.5	259.3	277.6	293.3	310.6	325.7
32.5°	187.6	200.7	216.2	234.3	252.6	276.6	299.0	328.1	353.2	380.7	408.3
30°	198.6	215.6	235.7	258.5	287.6	320.6	357.3	400.6	445.2	488.4	540.5
27.5°	212.1	232.7	257.1	290.3	333.2	377.8	440.9	505.9	587.9	655.8	751.5
25°	226.3	250.5	285.1	330.2	386.3	463.6	559.4	663.2	807.6	934.4	1083.2
22.5°	241.6	274.3	317.4	373.1	458.1	576.7	721.8	917.3	1130.2	1356.3	1581.2
20°	257.6	297.2	353.6	434.4	551.0	711.7	960.8	1262.6	1566.8	1939.8	2270.0
17.5°	276.2	326.5	396.0	497.0	652.7	898.8	1244.4	1665.8	2137.7	2674.0	3150.1
15°	291.6	351.6	439.4	580.7	794.9	1110.9	1546.6	2126.4	2835.5	3555.7	4286.4
12.5°	309.5	378.9	482.0	650.5	919.5	1339.5	1932.7	2666.4	3552.0	4550.9	5728.7
10°	325.4	405.8	533.9	742.5	1071.2	1578.0	2297.8	3180.5	4323.4	5760.7	7584.5
7.5°	337.2	427.2	574.0	812.5	1202.4	1807.2	2642.8	3743.5	5195.7	7093.7	9596.7
5°	344.9	442.6	602.3	866.5	1305.0	1977.8	2895.6	4142.8	5894.8	8579.2	12817.6
2.5°	349.5	451.8	618.5	898.2	1367.5	2090.8	3088.0	4444.8	6348.0	9497.3	14889.3
0°	351.5	454.3	628.2	915.0	1388.3	2134.5	3176.3	4582.4	6550.7	9711.8	15253.6
-2.5°	349.5	451.8	618.5	898.2	1367.5	2090.8	3088.0	4444.8	6348.0	9497.3	14889.3
-5°	344.9	442.6	602.3	866.5	1305.0	1977.8	2895.6	4142.8	5894.8	8579.2	12817.6
-7.5°	337.2	427.2	574.0	812.5	1202.4	1807.2	2642.8	3743.5	5195.7	7093.7	9596.7
-10°	325.4	405.8	533.9	742.5	1071.2	1578.0	2297.8	3180.5	4323.4	5760.7	7584.5
-12.5°	309.5	378.9	482.0	650.5	919.5	1339.5	1932.7	2666.4	3552.0	4550.9	5728.7
-15°	291.6	351.6	439.4	580.7	794.9	1110.9	1546.6	2126.4	2835.5	3555.7	4286.4
-17.5°	276.2	326.5	396.0	497.0	652.7	898.8	1244.4	1665.8	2137.7	2674.0	3150.1
-20°	257.6	297.2	353.6	434.4	551.0	711.7	960.8	1262.6	1566.8	1939.8	2270.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	241.6	274.3	317.4	373.1	458.1	576.7	721.8	917.3	1130.2	1356.3	1581.2
-25°	226.3	250.5	285.1	330.2	386.3	463.6	559.4	663.2	807.6	934.4	1083.2
-27.5°	212.1	232.7	257.1	290.3	333.2	377.8	440.9	505.9	587.9	655.8	751.5
-30°	198.6	215.6	235.7	258.5	287.6	320.6	357.3	400.6	445.2	488.4	540.5
-32.5°	187.6	200.7	216.2	234.3	252.6	276.6	299.0	328.1	353.2	380.7	408.3
-35°	176.9	187.9	199.8	213.4	227.7	243.5	259.3	277.6	293.3	310.6	325.7
-37.5°	168.0	176.1	185.8	195.9	207.4	218.4	230.0	241.3	251.3	263.0	271.9
-40°	159.8	166.4	173.7	181.2	190.1	198.2	207.0	214.6	221.5	228.8	234.6
-42.5°	152.2	157.9	163.5	169.7	175.7	181.8	188.4	194.3	198.8	203.1	206.5
-45°	145.0	150.1	154.8	159.7	164.1	168.8	173.2	176.9	180.8	183.6	185.6
-47.5°	138.6	143.0	147.3	151.2	154.4	158.0	161.2	163.9	166.5	168.7	170.2
-50°	132.2	136.4	140.3	143.8	146.5	148.9	151.1	153.0	154.8	156.3	157.3
-52.5°	125.8	129.6	133.2	136.4	139.1	141.3	143.0	144.6	145.9	146.7	147.1
-55°	119.6	123.1	126.2	129.2	131.9	134.2	136.0	137.3	138.4	139.2	139.5
-57.5°	112.8	116.6	119.9	122.1	124.5	127.1	128.8	129.7	130.6	131.4	131.7
-60°	104.9	108.7	111.5	113.8	116.0	118.1	119.6	120.7	121.6	122.3	122.7
-62.5°	95.8	98.7	101.2	103.6	105.9	107.8	108.9	110.0	110.9	111.7	112.2
-65°	85.2	88.3	90.2	92.0	93.6	95.2	97.0	98.2	99.1	99.6	99.9
-67.5°	74.1	77.1	79.2	80.8	82.1	83.4	84.9	86.3	87.4	88.2	88.6
-70°	63.3	66.0	68.0	69.8	71.3	72.6	73.7	74.7	75.6	76.2	76.6
-72.5°	52.7	55.4	57.6	59.3	60.9	62.1	63.0	63.9	64.6	64.8	64.9
-75°	41.9	44.1	46.5	48.6	50.4	51.6	52.3	53.0	53.5	53.6	53.6
-77.5°	32.7	34.4	36.1	37.9	39.6	40.5	41.2	41.8	42.2	42.4	42.3
-80°	24.3	25.4	26.5	27.6	28.7	29.3	29.8	30.1	30.3	30.5	30.5
-82.5°	16.7	17.4	18.0	18.6	19.1	19.6	20.0	20.4	20.7	20.7	20.6
-85°	9.9	10.3	10.7	11.0	11.3	11.5	11.8	12.0	12.2	12.0	11.8
-87.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.7	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.8	3.8	3.8	3.8	3.8	4.1	4.4	4.7	4.9	4.9
85°	11.6	11.3	11.4	11.4	11.4	11.3	11.6	11.8	12.0	12.2	12.0
82.5°	20.4	20.2	20.3	20.3	20.3	20.2	20.4	20.6	20.7	20.7	20.4
80°	30.5	30.4	29.8	29.2	29.8	30.4	30.5	30.5	30.5	30.3	30.1
77.5°	42.1	41.7	41.2	40.6	41.2	41.7	42.1	42.3	42.4	42.2	41.8
75°	53.4	53.1	53.2	53.3	53.2	53.1	53.4	53.6	53.6	53.5	53.0
72.5°	64.7	64.4	64.6	64.7	64.6	64.4	64.7	64.9	64.8	64.6	63.9
70°	76.9	77.0	76.7	76.1	76.7	77.0	76.9	76.6	76.2	75.6	74.7
67.5°	88.7	88.5	88.1	87.6	88.1	88.5	88.7	88.6	88.2	87.4	86.3
65°	100.1	100.0	100.2	100.3	100.2	100.0	100.1	99.9	99.6	99.1	98.2
62.5°	112.5	112.5	112.2	111.7	112.2	112.5	112.5	112.2	111.7	110.9	110.0
60°	122.9	122.8	122.4	121.8	122.4	122.8	122.9	122.7	122.3	121.6	120.7
57.5°	131.9	131.7	131.3	130.7	131.3	131.7	131.9	131.7	131.4	130.6	129.7
55°	139.6	139.4	139.0	138.3	139.0	139.4	139.6	139.5	139.2	138.4	137.3
52.5°	147.2	147.0	147.1	147.2	147.1	147.0	147.2	147.1	146.7	145.9	144.6
50°	158.0	158.2	158.0	157.4	158.0	158.2	158.0	157.3	156.3	154.8	153.0
47.5°	170.9	170.9	170.6	170.0	170.6	170.9	170.9	170.2	168.7	166.5	163.9
45°	187.2	188.1	188.3	187.8	188.3	188.1	187.2	185.6	183.6	180.8	176.9
42.5°	209.2	210.6	211.0	210.7	211.0	210.6	209.2	206.5	203.1	198.8	194.3
40°	238.1	239.8	240.1	239.8	240.1	239.8	238.1	234.6	228.8	221.5	214.6
37.5°	278.1	282.1	284.0	284.3	284.0	282.1	278.1	271.9	263.0	251.3	241.3
35°	337.2	345.2	349.4	351.5	349.4	345.2	337.2	325.7	310.6	293.3	277.6
32.5°	429.3	445.3	454.1	453.0	454.1	445.3	429.3	408.3	380.7	353.2	328.1
30°	579.8	607.7	621.8	618.0	621.8	607.7	579.8	540.5	488.4	445.2	400.6
27.5°	820.2	870.6	899.8	895.9	899.8	870.6	820.2	751.5	655.8	587.9	505.9
25°	1207.5	1299.6	1358.5	1343.9	1358.5	1299.6	1207.5	1083.2	934.4	807.6	663.2
22.5°	1796.7	1952.6	2055.8	2043.1	2055.8	1952.6	1796.7	1581.2	1356.3	1130.2	917.3
20°	2604.9	2842.3	3011.8	3034.2	3011.8	2842.3	2604.9	2270.0	1939.8	1566.8	1262.6
17.5°	3664.4	4040.7	4302.7	4346.4	4302.7	4040.7	3664.4	3150.1	2674.0	2137.7	1665.8
15°	5041.3	5656.4	6101.5	6138.2	6101.5	5656.4	5041.3	4286.4	3555.7	2835.5	2126.4
12.5°	6910.9	8148.0	8955.3	9310.8	8955.3	8148.0	6910.9	5728.7	4550.9	3552.0	2666.4
10°	9498.4	12339.8	14159.6	14843.7	14159.6	12339.8	9498.4	7584.5	5760.7	4323.4	3180.5
7.5°	13820.2	18281.4	23241.1	25355.0	23241.1	18281.4	13820.2	9596.7	7093.7	5195.7	3743.5
5°	18714.3	27973.1	36779.9	40218.9	36779.9	27973.1	18714.3	12817.6	8579.2	5894.8	4142.8
2.5°	23864.1	36769.6	48863.0	53592.5	48863.0	36769.6	23864.1	14889.3	9497.3	6348.0	4444.8
0°	25875.3	40621.2	53926.9	59230.1	53926.9	40621.2	25875.3	15253.6	9711.8	6550.7	4582.4
-2.5°	23864.1	36769.6	48863.0	53592.5	48863.0	36769.6	23864.1	14889.3	9497.3	6348.0	4444.8
-5°	18714.3	27973.1	36779.9	40218.9	36779.9	27973.1	18714.3	12817.6	8579.2	5894.8	4142.8
-7.5°	13820.2	18281.4	23241.1	25355.0	23241.1	18281.4	13820.2	9596.7	7093.7	5195.7	3743.5
-10°	9498.4	12339.8	14159.6	14843.7	14159.6	12339.8	9498.4	7584.5	5760.7	4323.4	3180.5
-12.5°	6910.9	8148.0	8955.3	9310.8	8955.3	8148.0	6910.9	5728.7	4550.9	3552.0	2666.4
-15°	5041.3	5656.4	6101.5	6138.2	6101.5	5656.4	5041.3	4286.4	3555.7	2835.5	2126.4
-17.5°	3664.4	4040.7	4302.7	4346.4	4302.7	4040.7	3664.4	3150.1	2674.0	2137.7	1665.8
-20°	2604.9	2842.3	3011.8	3034.2	3011.8	2842.3	2604.9	2270.0	1939.8	1566.8	1262.6



REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1796.7	1952.6	2055.8	2043.1	2055.8	1952.6	1796.7	1581.2	1356.3	1130.2	917.3
-25°	1207.5	1299.6	1358.5	1343.9	1358.5	1299.6	1207.5	1083.2	934.4	807.6	663.2
-27.5°	820.2	870.6	899.8	895.9	899.8	870.6	820.2	751.5	655.8	587.9	505.9
-30°	579.8	607.7	621.8	618.0	621.8	607.7	579.8	540.5	488.4	445.2	400.6
-32.5°	429.3	445.3	454.1	453.0	454.1	445.3	429.3	408.3	380.7	353.2	328.1
-35°	337.2	345.2	349.4	351.5	349.4	345.2	337.2	325.7	310.6	293.3	277.6
-37.5°	278.1	282.1	284.0	284.3	284.0	282.1	278.1	271.9	263.0	251.3	241.3
-40°	238.1	239.8	240.1	239.8	240.1	239.8	238.1	234.6	228.8	221.5	214.6
-42.5°	209.2	210.6	211.0	210.7	211.0	210.6	209.2	206.5	203.1	198.8	194.3
-45°	187.2	188.1	188.3	187.8	188.3	188.1	187.2	185.6	183.6	180.8	176.9
-47.5°	170.9	170.9	170.6	170.0	170.6	170.9	170.9	170.2	168.7	166.5	163.9
-50°	158.0	158.2	158.0	157.4	158.0	158.2	158.0	157.3	156.3	154.8	153.0
-52.5°	147.2	147.0	147.1	147.2	147.1	147.0	147.2	147.1	146.7	145.9	144.6
-55°	139.6	139.4	139.0	138.3	139.0	139.4	139.6	139.5	139.2	138.4	137.3
-57.5°	131.9	131.7	131.3	130.7	131.3	131.7	131.9	131.7	131.4	130.6	129.7
-60°	122.9	122.8	122.4	121.8	122.4	122.8	122.9	122.7	122.3	121.6	120.7
-62.5°	112.5	112.5	112.2	111.7	112.2	112.5	112.5	112.2	111.7	110.9	110.0
-65°	100.1	100.0	100.2	100.3	100.2	100.0	100.1	99.9	99.6	99.1	98.2
-67.5°	88.7	88.5	88.1	87.6	88.1	88.5	88.7	88.6	88.2	87.4	86.3
-70°	76.9	77.0	76.7	76.1	76.7	77.0	76.9	76.6	76.2	75.6	74.7
-72.5°	64.7	64.4	64.6	64.7	64.6	64.4	64.7	64.9	64.8	64.6	63.9
-75°	53.4	53.1	53.2	53.3	53.2	53.1	53.4	53.6	53.6	53.5	53.0
-77.5°	42.1	41.7	41.2	40.6	41.2	41.7	42.1	42.3	42.4	42.2	41.8
-80°	30.5	30.4	29.8	29.2	29.8	30.4	30.5	30.5	30.5	30.3	30.1
-82.5°	20.4	20.2	20.3	20.3	20.3	20.2	20.4	20.6	20.7	20.7	20.4
-85°	11.6	11.3	11.4	11.4	11.4	11.3	11.6	11.8	12.0	12.2	12.0
-87.5°	4.1	3.8	3.8	3.8	3.8	3.8	4.1	4.4	4.7	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: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
85°	11.8	11.5	11.3	11.0	10.7	10.3	9.9	9.4	8.8	8.2	7.7
82.5°	20.0	19.6	19.1	18.6	18.0	17.4	16.7	15.8	14.8	13.8	12.6
80°	29.8	29.3	28.7	27.6	26.5	25.4	24.3	23.3	22.2	21.0	19.8
77.5°	41.2	40.5	39.6	37.9	36.1	34.4	32.7	31.2	29.9	28.4	26.9
75°	52.3	51.6	50.4	48.6	46.5	44.1	41.9	40.1	38.2	36.3	34.2
72.5°	63.0	62.1	60.9	59.3	57.6	55.4	52.7	49.9	47.2	44.6	42.1
70°	73.7	72.6	71.3	69.8	68.0	66.0	63.3	60.1	56.5	52.9	50.2
67.5°	84.9	83.4	82.1	80.8	79.2	77.1	74.1	70.8	67.2	63.1	59.3
65°	97.0	95.2	93.6	92.0	90.2	88.3	85.2	81.5	77.6	73.5	69.1
62.5°	108.9	107.8	105.9	103.6	101.2	98.7	95.8	92.2	88.0	83.3	78.5
60°	119.6	118.1	116.0	113.8	111.5	108.7	104.9	101.7	98.8	93.4	87.8
57.5°	128.8	127.1	124.5	122.1	119.9	116.6	112.8	109.1	105.4	101.7	96.8
55°	136.0	134.2	131.9	129.2	126.2	123.1	119.6	115.6	111.8	108.3	103.8
52.5°	143.0	141.3	139.1	136.4	133.2	129.6	125.8	121.8	118.1	114.7	110.6
50°	151.1	148.9	146.5	143.8	140.3	136.4	132.2	128.0	124.2	120.6	116.8
47.5°	161.2	158.0	154.4	151.2	147.3	143.0	138.6	134.3	130.2	126.0	122.2
45°	173.2	168.8	164.1	159.7	154.8	150.1	145.0	140.6	136.2	131.6	126.9
42.5°	188.4	181.8	175.7	169.7	163.5	157.9	152.2	147.0	142.0	137.1	132.0
40°	207.0	198.2	190.1	181.2	173.7	166.4	159.8	153.3	147.8	142.5	136.9
37.5°	230.0	218.4	207.4	195.9	185.8	176.1	168.0	160.5	153.3	147.5	141.6
35°	259.3	243.5	227.7	213.4	199.8	187.9	176.9	168.0	159.8	152.4	146.1
32.5°	299.0	276.6	252.6	234.3	216.2	200.7	187.6	176.1	166.4	157.9	150.4
30°	357.3	320.6	287.6	258.5	235.7	215.6	198.6	185.3	173.7	163.5	154.8
27.5°	440.9	377.8	333.2	290.3	257.1	232.7	212.1	194.7	181.1	169.7	159.6
25°	559.4	463.6	386.3	330.2	285.1	250.5	226.3	206.1	189.4	175.6	163.5
22.5°	721.8	576.7	458.1	373.1	317.4	274.3	241.6	217.3	196.9	180.8	167.7
20°	960.8	711.7	551.0	434.4	353.6	297.2	257.6	229.0	205.5	186.2	171.3
17.5°	1244.4	898.8	652.7	497.0	396.0	326.5	276.2	239.8	213.2	191.0	174.3
15°	1546.6	1110.9	794.9	580.7	439.4	351.6	291.6	249.3	220.6	196.1	177.9
12.5°	1932.7	1339.5	919.5	650.5	482.0	378.9	309.5	261.4	227.8	201.8	181.7
10°	2297.8	1578.0	1071.2	742.5	533.9	405.8	325.4	270.7	233.5	206.2	184.8
7.5°	2642.8	1807.2	1202.4	812.5	574.0	427.2	337.2	277.4	237.5	209.4	187.2
5°	2895.6	1977.8	1305.0	866.5	602.3	442.6	344.9	281.5	239.8	211.2	188.9
2.5°	3088.0	2090.8	1367.5	898.2	618.5	451.8	349.5	284.7	242.2	212.7	190.6
0°	<b>3176.3</b>	<b>2134.5</b>	<b>1388.3</b>	<b>915.0</b>	<b>628.2</b>	<b>454.3</b>	<b>351.5</b>	<b>286.8</b>	<b>243.7</b>	<b>213.2</b>	<b>191.6</b>
-2.5°	3088.0	2090.8	1367.5	898.2	618.5	451.8	349.5	284.7	242.2	212.7	190.6
-5°	2895.6	1977.8	1305.0	866.5	602.3	442.6	344.9	281.5	239.8	211.2	188.9
-7.5°	2642.8	1807.2	1202.4	812.5	574.0	427.2	337.2	277.4	237.5	209.4	187.2
-10°	2297.8	1578.0	1071.2	742.5	533.9	405.8	325.4	270.7	233.5	206.2	184.8
-12.5°	1932.7	1339.5	919.5	650.5	482.0	378.9	309.5	261.4	227.8	201.8	181.7
-15°	1546.6	1110.9	794.9	580.7	439.4	351.6	291.6	249.3	220.6	196.1	177.9
-17.5°	1244.4	898.8	652.7	497.0	396.0	326.5	276.2	239.8	213.2	191.0	174.3
-20°	960.8	711.7	551.0	434.4	353.6	297.2	257.6	229.0	205.5	186.2	171.3



Classified

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

Scaled Data Report



REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	721.8	576.7	458.1	373.1	317.4	274.3	241.6	217.3	196.9	180.8	167.7
-25°	559.4	463.6	386.3	330.2	285.1	250.5	226.3	206.1	189.4	175.6	163.5
-27.5°	440.9	377.8	333.2	290.3	257.1	232.7	212.1	194.7	181.1	169.7	159.6
-30°	357.3	320.6	287.6	258.5	235.7	215.6	198.6	185.3	173.7	163.5	154.8
-32.5°	299.0	276.6	252.6	234.3	216.2	200.7	187.6	176.1	166.4	157.9	150.4
-35°	259.3	243.5	227.7	213.4	199.8	187.9	176.9	168.0	159.8	152.4	146.1
-37.5°	230.0	218.4	207.4	195.9	185.8	176.1	168.0	160.5	153.3	147.5	141.6
-40°	207.0	198.2	190.1	181.2	173.7	166.4	159.8	153.3	147.8	142.5	136.9
-42.5°	188.4	181.8	175.7	169.7	163.5	157.9	152.2	147.0	142.0	137.1	132.0
-45°	173.2	168.8	164.1	159.7	154.8	150.1	145.0	140.6	136.2	131.6	126.9
-47.5°	161.2	158.0	154.4	151.2	147.3	143.0	138.6	134.3	130.2	126.0	122.2
-50°	151.1	148.9	146.5	143.8	140.3	136.4	132.2	128.0	124.2	120.6	116.8
-52.5°	143.0	141.3	139.1	136.4	133.2	129.6	125.8	121.8	118.1	114.7	110.6
-55°	136.0	134.2	131.9	129.2	126.2	123.1	119.6	115.6	111.8	108.3	103.8
-57.5°	128.8	127.1	124.5	122.1	119.9	116.6	112.8	109.1	105.4	101.7	96.8
-60°	119.6	118.1	116.0	113.8	111.5	108.7	104.9	101.7	98.8	93.4	87.8
-62.5°	108.9	107.8	105.9	103.6	101.2	98.7	95.8	92.2	88.0	83.3	78.5
-65°	97.0	95.2	93.6	92.0	90.2	88.3	85.2	81.5	77.6	73.5	69.1
-67.5°	84.9	83.4	82.1	80.8	79.2	77.1	74.1	70.8	67.2	63.1	59.3
-70°	73.7	72.6	71.3	69.8	68.0	66.0	63.3	60.1	56.5	52.9	50.2
-72.5°	63.0	62.1	60.9	59.3	57.6	55.4	52.7	49.9	47.2	44.6	42.1
-75°	52.3	51.6	50.4	48.6	46.5	44.1	41.9	40.1	38.2	36.3	34.2
-77.5°	41.2	40.5	39.6	37.9	36.1	34.4	32.7	31.2	29.9	28.4	26.9
-80°	29.8	29.3	28.7	27.6	26.5	25.4	24.3	23.3	22.2	21.0	19.8
-82.5°	20.0	19.6	19.1	18.6	18.0	17.4	16.7	15.8	14.8	13.8	12.6
-85°	11.8	11.5	11.3	11.0	10.7	10.3	9.9	9.4	8.8	8.2	7.7
-87.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.7	1.5
85°	7.4	7.1	6.7	6.2	5.7	5.1	4.7	4.3	3.9	3.5	3.1
82.5°	12.0	11.6	11.1	10.6	9.7	8.9	8.0	7.1	6.2	5.3	4.6
80°	18.6	17.5	16.3	15.2	14.0	12.6	11.5	10.3	9.1	7.9	6.6
77.5°	25.3	23.6	21.9	20.3	18.7	17.0	15.3	13.6	11.9	10.4	8.8
75°	32.0	30.0	27.9	25.8	23.6	21.4	19.3	17.3	15.1	13.0	11.1
72.5°	39.5	36.9	34.2	31.4	28.9	26.2	23.5	20.9	18.4	15.9	13.4
70°	47.4	44.2	40.9	37.8	34.5	31.1	28.0	24.9	21.7	18.8	15.9
67.5°	55.7	52.4	48.5	44.4	40.6	36.8	32.6	28.9	25.3	21.7	18.4
65°	64.7	60.6	56.6	51.8	47.1	42.6	38.0	33.1	28.9	24.9	20.9
62.5°	73.6	68.6	63.8	58.9	53.7	48.5	43.4	37.9	32.6	28.0	23.5
60°	82.4	76.8	70.8	65.2	59.9	54.4	48.6	42.5	36.7	31.1	26.2
57.5°	90.6	84.8	78.1	71.5	65.5	59.8	53.6	47.0	40.6	34.5	28.9
55°	98.3	91.8	84.9	77.8	71.0	64.7	58.3	51.3	44.4	37.8	31.4
52.5°	105.5	98.6	91.2	83.7	76.3	69.5	62.7	55.5	48.1	41.0	34.1
50°	112.1	105.4	97.5	89.4	81.3	74.1	67.0	59.5	51.7	44.1	36.7
47.5°	117.9	111.5	103.9	95.1	86.5	78.7	71.2	63.3	55.0	47.1	39.3
45°	122.6	117.2	109.8	101.0	91.7	83.5	75.4	67.1	58.4	49.9	41.8
42.5°	126.9	121.9	115.3	106.8	97.1	88.2	79.4	70.8	61.8	52.6	44.2
40°	131.4	126.1	120.3	111.8	102.2	92.7	83.5	74.4	65.0	55.3	46.4
37.5°	135.5	130.0	124.2	116.4	106.8	97.0	87.5	77.8	68.0	58.0	48.6
35°	139.7	133.6	127.6	120.1	110.7	100.9	91.2	81.2	70.8	60.4	50.6
32.5°	143.8	136.8	130.4	123.0	114.3	104.4	94.6	84.1	73.4	62.7	52.5
30°	147.4	139.9	133.1	125.9	117.4	107.4	97.4	86.8	75.8	64.8	54.3
27.5°	150.4	142.5	135.6	128.3	119.9	110.1	99.9	89.1	78.1	66.7	55.9
25°	153.3	144.9	137.7	130.6	122.1	112.9	102.2	91.2	80.0	68.5	57.5
22.5°	156.5	147.0	139.3	132.7	124.5	115.5	104.4	93.1	81.8	70.1	58.8
20°	159.4	148.9	140.6	134.4	126.4	117.5	106.5	94.7	83.2	71.6	60.0
17.5°	161.9	150.9	142.1	135.4	127.9	119.2	108.4	96.2	84.5	72.8	61.0
15°	164.6	153.1	143.5	136.2	129.1	120.6	110.1	97.5	85.5	73.9	61.9
12.5°	166.9	154.8	144.6	136.8	130.0	121.8	111.7	98.5	86.3	74.8	62.7
10°	168.9	156.1	145.5	137.3	130.6	122.7	113.0	99.5	87.1	75.5	63.4
7.5°	170.4	157.1	146.0	137.5	131.1	123.4	114.1	100.7	87.8	75.9	64.0
5°	171.5	157.8	146.9	138.3	131.6	124.0	114.9	101.7	88.4	76.2	64.4
2.5°	172.3	158.4	147.9	139.0	131.9	124.3	115.4	102.4	88.7	76.2	64.6
0°	172.6	158.6	148.5	139.6	132.0	124.4	115.5	102.8	88.8	76.1	64.7
-2.5°	172.3	158.4	147.9	139.0	131.9	124.3	115.4	102.4	88.7	76.2	64.6
-5°	171.5	157.8	146.9	138.3	131.6	124.0	114.9	101.7	88.4	76.2	64.4
-7.5°	170.4	157.1	146.0	137.5	131.1	123.4	114.1	100.7	87.8	75.9	64.0
-10°	168.9	156.1	145.5	137.3	130.6	122.7	113.0	99.5	87.1	75.5	63.4
-12.5°	166.9	154.8	144.6	136.8	130.0	121.8	111.7	98.5	86.3	74.8	62.7
-15°	164.6	153.1	143.5	136.2	129.1	120.6	110.1	97.5	85.5	73.9	61.9
-17.5°	161.9	150.9	142.1	135.4	127.9	119.2	108.4	96.2	84.5	72.8	61.0
-20°	159.4	148.9	140.6	134.4	126.4	117.5	106.5	94.7	83.2	71.6	60.0

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Scaled Data Report



REPORT NUMBER: P626699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	156.5	147.0	139.3	132.7	124.5	115.5	104.4	93.1	81.8	70.1	58.8
-25°	153.3	144.9	137.7	130.6	122.1	112.9	102.2	91.2	80.0	68.5	57.5
-27.5°	150.4	142.5	135.6	128.3	119.9	110.1	99.9	89.1	78.1	66.7	55.9
-30°	147.4	139.9	133.1	125.9	117.4	107.4	97.4	86.8	75.8	64.8	54.3
-32.5°	143.8	136.8	130.4	123.0	114.3	104.4	94.6	84.1	73.4	62.7	52.5
-35°	139.7	133.6	127.6	120.1	110.7	100.9	91.2	81.2	70.8	60.4	50.6
-37.5°	135.5	130.0	124.2	116.4	106.8	97.0	87.5	77.8	68.0	58.0	48.6
-40°	131.4	126.1	120.3	111.8	102.2	92.7	83.5	74.4	65.0	55.3	46.4
-42.5°	126.9	121.9	115.3	106.8	97.1	88.2	79.4	70.8	61.8	52.6	44.2
-45°	122.6	117.2	109.8	101.0	91.7	83.5	75.4	67.1	58.4	49.9	41.8
-47.5°	117.9	111.5	103.9	95.1	86.5	78.7	71.2	63.3	55.0	47.1	39.3
-50°	112.1	105.4	97.5	89.4	81.3	74.1	67.0	59.5	51.7	44.1	36.7
-52.5°	105.5	98.6	91.2	83.7	76.3	69.5	62.7	55.5	48.1	41.0	34.1
-55°	98.3	91.8	84.9	77.8	71.0	64.7	58.3	51.3	44.4	37.8	31.4
-57.5°	90.6	84.8	78.1	71.5	65.5	59.8	53.6	47.0	40.6	34.5	28.9
-60°	82.4	76.8	70.8	65.2	59.9	54.4	48.6	42.5	36.7	31.1	26.2
-62.5°	73.6	68.6	63.8	58.9	53.7	48.5	43.4	37.9	32.6	28.0	23.5
-65°	64.7	60.6	56.6	51.8	47.1	42.6	38.0	33.1	28.9	24.9	20.9
-67.5°	55.7	52.4	48.5	44.4	40.6	36.8	32.6	28.9	25.3	21.7	18.4
-70°	47.4	44.2	40.9	37.8	34.5	31.1	28.0	24.9	21.7	18.8	15.9
-72.5°	39.5	36.9	34.2	31.4	28.9	26.2	23.5	20.9	18.4	15.9	13.4
-75°	32.0	30.0	27.9	25.8	23.6	21.4	19.3	17.3	15.1	13.0	11.1
-77.5°	25.3	23.6	21.9	20.3	18.7	17.0	15.3	13.6	11.9	10.4	8.8
-80°	18.6	17.5	16.3	15.2	14.0	12.6	11.5	10.3	9.1	7.9	6.6
-82.5°	12.0	11.6	11.1	10.6	9.7	8.9	8.0	7.1	6.2	5.3	4.6
-85°	7.4	7.1	6.7	6.2	5.7	5.1	4.7	4.3	3.9	3.5	3.1
-87.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	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-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
80°	5.3	4.4	3.5	2.6	1.8	0.8	0.0
77.5°	7.2	5.6	4.4	3.3	2.2	1.0	0.0
75°	9.1	7.2	5.3	3.9	2.6	1.1	0.0
72.5°	11.0	8.6	6.5	4.6	3.0	1.3	0.0
70°	12.9	10.1	7.6	5.3	3.4	1.5	0.0
67.5°	15.0	11.5	8.7	6.1	3.8	1.7	0.0
65°	17.1	13.1	9.8	6.8	4.2	1.9	0.0
62.5°	19.1	14.8	10.8	7.6	4.6	2.0	0.0
60°	21.1	16.5	11.8	8.3	4.9	2.2	0.0
57.5°	23.3	18.1	13.1	9.0	5.4	2.3	0.0
55°	25.5	19.7	14.4	9.7	5.8	2.5	0.0
52.5°	27.6	21.2	15.6	10.4	6.3	2.6	0.0
50°	29.6	22.9	16.8	11.0	6.7	2.8	0.0
47.5°	31.6	24.5	17.9	11.7	7.1	2.9	0.0
45°	33.7	26.1	19.0	12.5	7.5	3.0	0.0
42.5°	35.7	27.6	20.0	13.3	7.9	3.1	0.0
40°	37.6	29.0	21.1	14.0	8.2	3.2	0.0
37.5°	39.4	30.4	22.2	14.8	8.6	3.3	0.0
35°	41.2	31.7	23.2	15.5	8.9	3.4	0.0
32.5°	42.8	33.1	24.1	16.1	9.2	3.5	0.0
30°	44.3	34.3	25.0	16.7	9.5	3.6	0.0
27.5°	45.7	35.5	25.9	17.3	9.8	3.6	0.0
25°	46.9	36.5	26.6	17.8	10.1	3.7	0.0
22.5°	48.1	37.5	27.4	18.3	10.3	3.7	0.0
20°	49.1	38.3	28.0	18.7	10.5	3.8	0.0
17.5°	50.0	39.0	28.6	19.1	10.7	3.8	0.0
15°	50.6	39.6	29.1	19.4	10.9	3.8	0.0
12.5°	51.2	40.0	29.5	19.7	11.1	3.8	0.0
10°	51.6	40.3	29.9	19.9	11.2	3.9	0.0
7.5°	51.9	40.6	30.1	20.1	11.3	3.9	0.0
5°	52.1	40.7	30.3	20.2	11.3	3.8	0.0
2.5°	52.1	40.7	30.5	20.3	11.4	3.8	0.0
0°	52.0	40.6	30.5	20.3	11.4	3.8	0.0
-2.5°	52.1	40.7	30.5	20.3	11.4	3.8	0.0
-5°	52.1	40.7	30.3	20.2	11.3	3.8	0.0
-7.5°	51.9	40.6	30.1	20.1	11.3	3.9	0.0
-10°	51.6	40.3	29.9	19.9	11.2	3.9	0.0
-12.5°	51.2	40.0	29.5	19.7	11.1	3.8	0.0
-15°	50.6	39.6	29.1	19.4	10.9	3.8	0.0
-17.5°	50.0	39.0	28.6	19.1	10.7	3.8	0.0
-20°	49.1	38.3	28.0	18.7	10.5	3.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	48.1	37.5	27.4	18.3	10.3	3.7	0.0
-25°	46.9	36.5	26.6	17.8	10.1	3.7	0.0
-27.5°	45.7	35.5	25.9	17.3	9.8	3.6	0.0
-30°	44.3	34.3	25.0	16.7	9.5	3.6	0.0
-32.5°	42.8	33.1	24.1	16.1	9.2	3.5	0.0
-35°	41.2	31.7	23.2	15.5	8.9	3.4	0.0
-37.5°	39.4	30.4	22.2	14.8	8.6	3.3	0.0
-40°	37.6	29.0	21.1	14.0	8.2	3.2	0.0
-42.5°	35.7	27.6	20.0	13.3	7.9	3.1	0.0
-45°	33.7	26.1	19.0	12.5	7.5	3.0	0.0
-47.5°	31.6	24.5	17.9	11.7	7.1	2.9	0.0
-50°	29.6	22.9	16.8	11.0	6.7	2.8	0.0
-52.5°	27.6	21.2	15.6	10.4	6.3	2.6	0.0
-55°	25.5	19.7	14.4	9.7	5.8	2.5	0.0
-57.5°	23.3	18.1	13.1	9.0	5.4	2.3	0.0
-60°	21.1	16.5	11.8	8.3	4.9	2.2	0.0
-62.5°	19.1	14.8	10.8	7.6	4.6	2.0	0.0
-65°	17.1	13.1	9.8	6.8	4.2	1.9	0.0
-67.5°	15.0	11.5	8.7	6.1	3.8	1.7	0.0
-70°	12.9	10.1	7.6	5.3	3.4	1.5	0.0
-72.5°	11.0	8.6	6.5	4.6	3.0	1.3	0.0
-75°	9.1	7.2	5.3	3.9	2.6	1.1	0.0
-77.5°	7.2	5.6	4.4	3.3	2.2	1.0	0.0
-80°	5.3	4.4	3.5	2.6	1.8	0.8	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
-85°	2.6	2.2	1.8	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)