

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: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-740-U-NR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

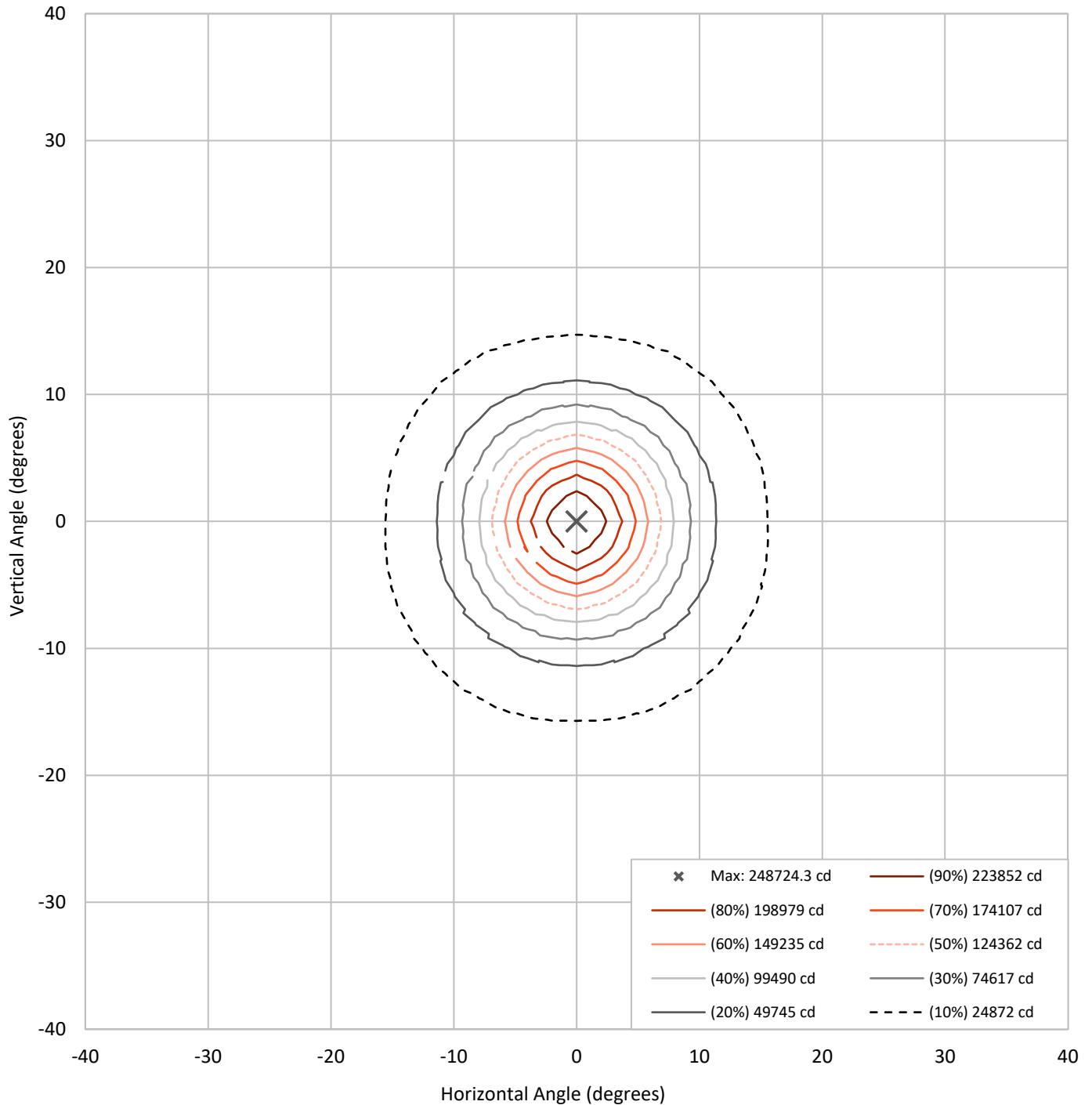
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24537.1 lumens	Max Intensity:	248724.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	7833.4 lumens	Field Lumens:	17447.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





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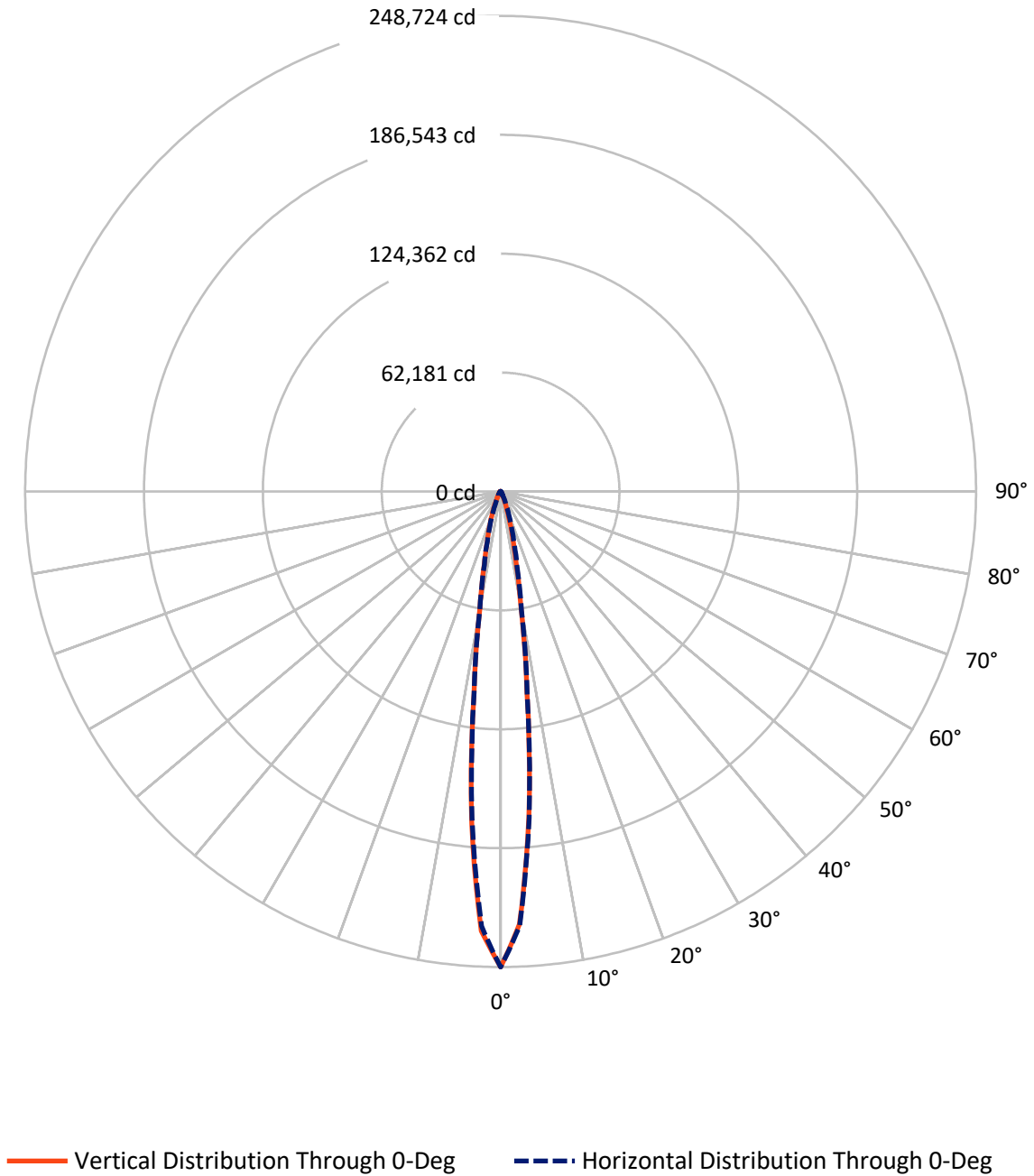
CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
60		0.1	0.2	0.6	1.4	2.2	2.9	3.5	3.5	2.9	2.2	1.4	0.6	0.2		0.1			
50	0.1	0.1	0.7	2.1	4.0	5.9	8.3	9.8	9.8	8.3	5.9	4.0	2.1	0.7	0.1				
40		0.4	1.7	4.2	7.4	11.7	20.0	25.4	25.4	20.0	11.7	7.4	4.2	1.7		0.4			
30	0.2	0.7	2.7	6.3	11.5	25.0	66.6	110.4	110.4	66.6	25.0	11.5	6.3	2.7	0.2				
20		1.0	3.8	8.7	19.0	74.6	314.5	691.4	691.4	314.5	74.6	19.0	8.7	3.8		1.0			
10	0.4	1.3	4.6	10.3	25.8	140.1	753.7	3380.2	3380.2	753.7	140.1	25.8	10.3	4.6	0.4				
0		1.5	5.0	10.8	27.7	149.2	780.1	3437.5	3437.5	780.1	149.2	27.7	10.8	5.0		1.5			
-10	0.5	1.6	5.1	10.6	24.3	95.0	378.7	810.0	810.0	378.7	95.0	24.3	10.6	5.1	0.5				
-20		1.5	4.8	9.8	18.8	44.4	116.7	194.5	194.5	116.7	44.4	18.8	9.8	4.8		1.5			
-30	0.4	1.3	4.3	8.6	14.7	24.4	39.7	50.4	50.4	39.7	24.4	14.7	8.6	4.3	0.4				
-40		1.1	3.6	7.2	11.9	17.0	22.9	25.5	25.5	22.9	17.0	11.9	7.2	3.6		1.1			
-50	0.3	0.8	2.7	5.6	9.3	13.1	16.5	18.1	18.1	16.5	13.1	9.3	5.6	2.7	0.3				
-60		0.5	1.7	3.6	6.3	9.1	11.5	12.6	12.6	11.5	9.1	6.3	3.6	1.7		0.5			
-70	0.1	0.5	1.7	3.6	6.3	9.1	11.5	12.6	12.6	11.5	9.1	6.3	3.6	1.7	0.1				
-80		0.1	1.5	6.2	13.6	17.2	13.6	6.2	1.5	0.1									
-90	0.1	1.5	6.2	13.6	17.2	13.6	6.2	1.5	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

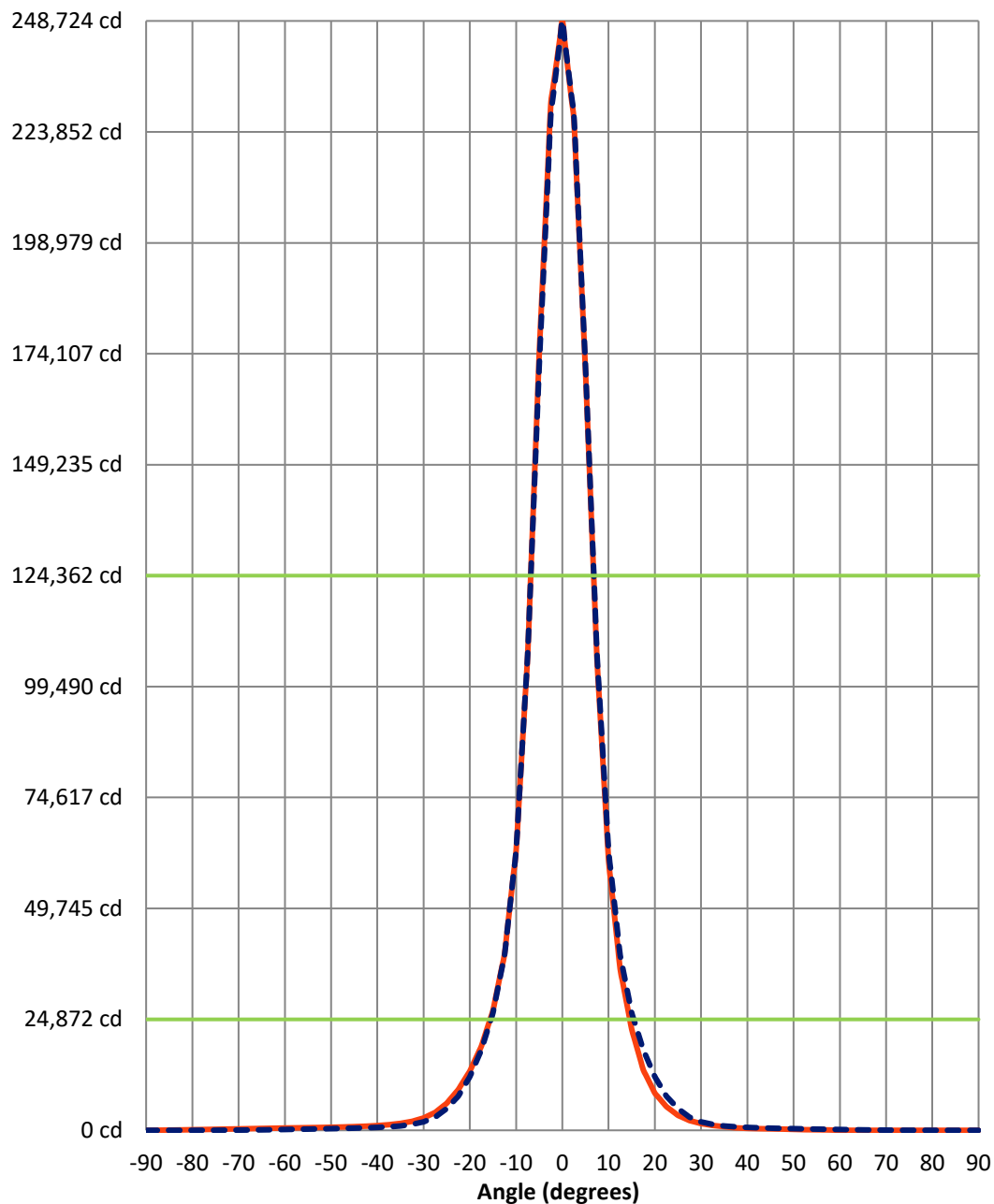
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CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 7833.4  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 17447.5  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 7089.7  
 Efficiency: 28.9%

— 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	1.0	0.2	0.1	1.1	1.2	0.6	1.6	2.2	2.0	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.6	1.9	3.0	3.4	2.2	0.9
65°	0.0	1.2	0.4	1.2	2.1	2.3	3.1	4.4	3.6	2.3	1.6
62.5°	0.0	1.4	0.6	1.7	2.7	3.0	4.2	5.0	3.8	2.8	3.3
60°	0.0	1.5	0.7	2.2	3.3	3.7	5.2	5.2	4.0	3.8	4.9
57.5°	0.0	1.6	1.2	2.8	3.7	4.3	5.3	5.3	4.5	4.7	5.3
55°	0.0	1.8	1.6	3.4	4.1	4.9	5.3	5.3	4.9	5.3	5.3
52.5°	0.0	1.9	2.0	3.9	4.4	5.3	5.3	5.3	5.2	5.3	5.3
50°	0.0	2.1	2.4	4.5	4.7	5.3	5.3	5.3	5.3	5.3	6.1
47.5°	0.0	2.3	2.8	5.0	4.9	5.3	5.3	5.3	5.3	5.3	7.3
45°	0.0	2.4	3.1	5.2	5.1	5.3	5.3	5.3	5.5	6.6	8.7
42.5°	0.0	2.6	3.4	5.3	5.2	5.3	5.3	5.5	5.8	8.0	11.6
40°	0.0	2.8	3.7	5.3	5.3	5.3	5.3	5.9	6.7	9.6	15.0
37.5°	0.0	2.9	4.0	5.3	5.3	5.3	5.3	6.4	8.6	12.1	18.5
35°	0.0	3.1	4.2	5.3	5.3	5.3	5.3	7.0	10.5	15.5	22.7
32.5°	0.0	3.3	4.4	5.3	5.3	5.3	5.5	7.8	12.5	18.7	28.2
30°	0.0	3.4	4.6	5.3	5.3	5.3	6.0	8.8	14.6	21.8	34.1
27.5°	0.0	3.6	4.7	5.3	5.3	5.3	6.6	10.5	17.0	24.8	40.5
25°	0.0	3.8	4.9	5.3	5.3	5.3	7.2	12.2	19.5	29.2	47.3
22.5°	0.0	4.0	5.0	5.3	5.3	5.4	7.8	13.9	21.9	34.5	55.3
20°	0.0	4.1	5.1	5.3	5.3	5.8	8.5	15.5	24.1	39.9	62.7
17.5°	0.0	4.3	5.2	5.3	5.3	6.2	9.4	17.2	26.2	45.3	69.5
15°	0.0	4.5	5.2	5.3	5.3	6.8	10.5	18.8	28.2	50.6	75.6
12.5°	0.0	4.6	5.2	5.3	5.3	7.4	11.5	20.4	30.9	55.8	81.1
10°	0.0	4.8	5.3	5.3	5.3	8.0	12.5	21.9	34.3	60.6	86.0
7.5°	0.0	4.9	5.3	5.3	5.3	8.6	13.4	23.2	37.7	64.8	90.3
5°	0.0	5.0	5.3	5.3	5.3	9.3	14.3	24.4	41.1	68.3	94.0
2.5°	0.0	5.2	5.3	5.3	5.3	9.9	15.1	25.4	44.4	71.3	97.3
0°	0.0	5.3	5.3	5.3	5.3	10.5	15.8	26.3	47.4	73.7	100.0
-2.5°	0.0	5.3	5.3	5.3	5.8	11.1	17.2	27.9	50.1	75.6	103.4
-5°	0.0	5.3	5.3	5.3	6.2	11.6	18.5	29.3	52.4	77.2	106.2
-7.5°	0.0	5.3	5.3	5.3	6.6	12.0	19.6	30.6	54.3	78.3	108.3
-10°	0.0	5.2	5.3	5.3	7.0	12.4	20.6	31.8	55.7	79.2	109.6
-12.5°	0.0	5.2	5.3	5.3	7.4	12.8	21.5	32.8	56.5	80.0	111.6
-15°	0.0	5.1	5.3	5.3	7.6	13.1	22.2	33.6	56.7	81.6	113.5
-17.5°	0.0	5.1	5.3	5.3	7.9	13.3	22.6	34.4	56.4	82.4	114.4
-20°	0.0	5.0	5.3	5.3	8.0	13.5	22.9	35.1	55.5	82.4	114.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.9	5.3	5.3	8.1	13.6	23.2	35.5	54.3	81.5	112.9
-25°	0.0	4.8	5.3	5.3	8.1	13.9	23.4	35.7	52.6	79.5	110.5
-27.5°	0.0	4.7	5.3	5.3	7.9	14.3	23.4	35.5	50.5	76.9	108.1
-30°	0.0	4.6	5.3	5.3	7.7	14.5	23.3	35.1	49.4	74.0	104.5
-32.5°	0.0	4.5	5.3	5.3	7.7	14.6	23.0	34.7	48.8	70.7	99.5
-35°	0.0	4.3	5.3	5.3	7.6	14.6	22.9	34.3	47.8	67.0	93.2
-37.5°	0.0	4.2	5.3	5.3	7.5	14.4	22.8	33.6	46.4	62.8	89.6
-40°	0.0	4.1	5.3	5.3	7.2	14.2	22.5	32.9	44.7	60.1	86.3
-42.5°	0.0	3.9	5.3	5.4	7.1	13.7	22.0	31.9	43.2	58.9	82.2
-45°	0.0	3.7	5.3	5.5	7.3	13.2	21.4	30.9	42.0	57.1	77.7
-47.5°	0.0	3.6	5.3	5.6	7.4	12.5	20.5	29.9	40.6	54.6	74.7
-50°	0.0	3.4	5.3	5.7	7.5	11.7	19.5	28.6	39.0	52.5	70.9
-52.5°	0.0	3.2	5.3	5.7	7.5	10.7	18.2	27.0	37.1	49.6	66.2
-55°	0.0	3.0	5.3	5.7	7.5	10.4	16.8	25.2	34.8	45.9	61.4
-57.5°	0.0	2.8	5.3	5.7	7.4	10.2	15.3	23.2	32.3	42.6	55.7
-60°	0.0	2.6	5.3	5.7	7.2	9.9	13.7	21.0	29.5	39.2	49.9
-62.5°	0.0	2.4	4.9	5.6	7.0	9.4	13.0	18.5	26.5	35.4	45.4
-65°	0.0	2.2	4.5	5.5	6.7	8.9	12.1	16.3	23.2	31.4	40.5
-67.5°	0.0	2.0	4.1	5.4	6.5	8.4	11.2	15.0	19.7	27.1	35.3
-70°	0.0	1.8	3.6	5.3	6.1	7.8	10.2	13.5	17.6	22.5	29.8
-72.5°	0.0	1.6	3.2	4.8	5.8	7.1	9.1	11.9	15.4	19.6	24.4
-75°	0.0	1.4	2.7	4.1	5.4	6.3	8.0	10.4	13.1	16.5	20.6
-77.5°	0.0	1.1	2.3	3.4	4.6	5.6	6.7	9.0	11.3	13.7	16.5
-80°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	7.5	9.7	11.8	13.9
-82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	5.9	7.9	9.9	11.8
-85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.9	5.4	7.0	8.8
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	2.0	2.7	3.5	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





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CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.6	3.4	2.6	1.4	0.1	1.3	1.8	1.4	0.2	0.0	0.0
62.5°	4.9	4.2	2.9	2.2	3.0	4.0	3.1	1.8	0.5	2.5	3.7
60°	5.3	4.5	3.7	4.2	5.4	4.8	3.5	5.1	7.7	9.7	11.7
57.5°	5.3	4.9	4.8	5.7	6.0	6.0	9.3	12.4	17.5	21.7	24.6
55°	5.4	5.2	6.0	7.1	8.9	12.6	17.2	24.2	29.9	38.5	45.9
52.5°	6.0	6.0	8.0	10.8	15.9	21.7	29.9	39.9	51.1	59.5	68.5
50°	6.8	8.8	11.2	18.1	25.1	34.3	47.7	62.1	71.6	81.2	94.0
47.5°	9.4	11.9	18.5	26.4	36.6	51.2	69.6	80.1	89.5	104.4	120.4
45°	12.6	17.9	26.0	36.9	51.1	71.4	86.0	94.5	110.8	128.1	146.2
42.5°	16.1	24.7	35.8	47.3	69.4	88.8	102.0	115.6	132.0	152.1	171.9
40°	21.9	31.4	46.5	64.5	87.0	106.0	122.5	138.1	154.2	180.6	201.6
37.5°	27.8	41.7	58.6	81.0	104.5	125.1	143.6	163.1	186.1	216.0	234.9
35°	33.4	52.2	73.0	96.9	121.8	145.1	167.3	190.1	219.9	248.2	270.8
32.5°	41.4	63.0	86.4	112.2	137.9	164.3	191.2	218.5	247.9	276.8	306.4
30°	51.4	74.6	99.2	126.9	152.7	183.3	214.5	243.4	272.9	303.4	336.8
27.5°	61.4	85.4	112.0	140.0	167.0	201.9	235.5	265.7	296.0	328.8	366.9
25°	70.7	96.2	124.1	151.7	183.4	220.8	257.6	292.5	318.2	355.5	400.1
22.5°	79.7	106.9	136.8	162.2	199.2	239.9	282.7	320.3	350.7	384.1	434.6
20°	88.5	117.8	148.7	177.1	215.1	258.8	309.6	348.4	386.1	429.0	480.7
17.5°	97.0	128.0	160.4	194.2	234.3	279.5	337.2	376.7	421.8	473.2	538.2
15°	105.0	137.5	172.2	210.1	251.5	300.3	355.9	405.2	459.1	518.4	595.3
12.5°	112.4	146.1	183.8	224.8	266.7	318.1	371.6	424.0	486.1	563.7	660.4
10°	119.3	153.9	195.1	238.4	280.0	333.2	385.4	440.0	505.5	590.7	701.4
7.5°	125.0	161.8	205.7	250.6	291.4	345.6	397.4	453.2	521.7	613.0	729.0
5°	129.8	170.1	215.6	258.5	300.9	356.4	407.4	463.6	534.6	630.5	748.7
2.5°	133.7	177.7	224.3	264.2	309.1	366.1	415.4	475.2	547.7	644.0	767.2
0°	136.9	184.3	231.6	268.5	315.9	373.8	421.2	484.4	558.1	652.8	784.4
-2.5°	143.3	189.8	236.0	273.5	323.1	375.1	425.0	485.7	562.0	659.7	787.7
-5°	148.6	194.2	239.2	277.3	328.5	375.0	426.6	484.5	563.3	663.6	793.4
-7.5°	152.8	197.6	241.3	280.3	331.5	376.7	429.0	488.3	567.4	667.1	800.9
-10°	155.4	200.0	243.1	284.0	332.2	378.4	429.9	489.1	566.7	664.8	796.8
-12.5°	156.8	201.4	243.9	286.1	332.0	378.3	428.7	486.9	560.9	656.5	780.5
-15°	157.3	202.0	243.8	286.3	331.2	376.0	425.3	481.4	550.5	642.4	754.9
-17.5°	156.8	201.7	242.8	284.5	330.0	371.7	420.0	473.9	539.9	625.9	734.2
-20°	155.4	200.6	241.0	280.7	328.3	367.7	414.8	466.8	528.9	606.8	703.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	153.3	198.7	238.4	276.9	322.4	363.9	408.0	457.6	513.2	583.7	669.7
-25°	150.7	195.0	235.1	273.9	315.8	358.2	399.3	446.5	497.6	565.3	642.8
-27.5°	147.4	190.5	230.5	269.8	308.8	350.5	390.7	435.2	485.9	545.6	614.8
-30°	142.5	184.1	224.1	264.2	302.6	341.9	380.6	423.1	470.8	527.1	591.0
-32.5°	136.4	177.0	216.1	255.7	295.7	333.2	369.6	410.4	455.2	504.6	565.4
-35°	130.1	169.2	207.4	245.2	287.3	323.4	358.6	395.9	437.6	483.6	533.1
-37.5°	124.3	160.9	198.2	233.8	273.7	311.3	345.6	381.1	419.6	461.7	506.7
-40°	117.9	152.1	188.5	223.2	258.2	296.6	330.7	365.0	400.6	442.8	482.9
-42.5°	111.4	144.6	178.2	212.3	245.7	280.0	314.1	347.0	384.6	424.5	463.8
-45°	106.0	136.7	168.0	201.1	234.1	265.1	297.1	327.8	365.9	405.9	444.3
-47.5°	99.6	128.7	159.0	189.0	221.4	252.4	281.1	312.2	344.7	382.4	422.6
-50°	93.0	120.6	148.5	176.8	207.4	238.5	267.7	296.4	327.0	358.0	392.7
-52.5°	87.3	111.5	137.3	163.3	192.3	222.6	252.1	280.9	309.0	338.1	367.8
-55°	80.7	102.8	125.7	149.9	175.3	204.4	233.6	261.7	290.4	317.7	346.7
-57.5°	73.3	93.1	114.0	136.8	159.8	183.6	212.0	239.9	266.9	294.5	324.5
-60°	64.9	82.7	101.6	122.6	145.1	166.9	189.8	215.7	241.8	267.9	295.6
-62.5°	56.3	71.7	88.7	107.1	127.7	149.1	170.1	192.1	215.6	238.3	262.3
-65°	50.5	61.4	75.7	92.0	109.0	128.1	148.0	168.3	188.9	208.2	226.7
-67.5°	44.3	54.1	64.7	76.8	92.2	108.3	124.2	142.4	160.9	178.6	195.8
-70°	37.8	46.5	55.9	65.9	76.9	90.1	104.9	119.5	133.8	148.6	164.6
-72.5°	31.0	38.5	46.7	55.3	64.7	75.1	86.6	99.0	111.7	124.0	136.5
-75°	25.4	30.4	37.1	44.4	52.5	60.7	69.0	78.8	89.5	100.3	110.9
-77.5°	20.9	25.5	30.1	34.7	40.4	47.9	55.3	62.5	70.0	78.1	86.8
-80°	17.0	20.6	24.8	28.9	32.9	37.4	42.5	48.2	53.5	58.9	64.9
-82.5°	14.2	16.9	19.9	23.1	25.4	27.8	30.6	33.9	37.4	41.1	44.8
-85°	10.9	13.1	15.1	17.3	18.3	19.5	20.8	22.3	24.6	26.8	29.0
-87.5°	5.5	6.6	7.8	9.1	9.6	10.2	10.7	11.2	12.6	14.1	15.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.1	2.5	4.1	5.4	6.0	5.8	5.4	4.8	4.1	3.8	4.3
60°	12.6	12.4	17.2	19.6	17.8	12.5	19.8	23.4	22.5	19.3	19.2
57.5°	30.9	37.5	42.3	44.4	51.4	62.7	64.8	61.1	59.8	61.0	70.5
55°	53.5	58.9	61.7	71.3	79.7	85.9	89.5	93.2	98.5	105.1	112.0
52.5°	75.7	83.1	88.8	97.3	107.5	111.0	110.0	123.1	133.2	139.7	142.4
50°	104.0	113.2	126.3	139.7	145.5	151.2	157.2	167.8	183.4	202.8	213.9
47.5°	134.5	148.9	162.7	178.0	185.7	191.8	200.7	219.3	241.5	262.4	273.3
45°	161.9	174.8	190.5	203.8	213.3	224.9	237.9	254.7	279.5	301.4	316.4
42.5°	184.0	198.5	214.7	230.7	240.3	256.0	275.7	298.6	324.6	347.3	364.0
40°	214.8	227.1	252.9	268.1	271.9	286.5	325.9	357.2	386.6	414.5	428.4
37.5°	252.2	276.1	302.9	316.7	330.2	356.1	408.8	459.4	496.8	534.6	555.3
35°	294.5	326.1	362.5	378.8	407.9	464.3	526.2	596.5	684.0	720.7	754.1
32.5°	335.7	371.0	404.6	441.2	492.1	559.5	629.2	743.2	849.7	932.2	992.4
30°	372.3	409.7	451.4	498.5	570.2	663.0	779.6	927.1	1077.1	1208.1	1318.9
27.5°	408.4	451.0	500.6	570.8	671.7	797.8	983.7	1194.2	1444.7	1629.4	1849.8
25°	448.0	496.7	560.3	662.1	798.2	986.7	1284.0	1625.8	2036.7	2369.8	2718.4
22.5°	494.9	566.7	647.4	760.9	998.6	1309.3	1715.5	2299.6	2931.6	3515.9	4078.6
20°	551.5	649.7	779.3	988.1	1293.4	1752.6	2458.4	3390.7	4320.1	5309.9	6262.8
17.5°	632.2	773.9	975.2	1272.4	1674.7	2583.1	3728.2	5170.2	7022.7	8701.5	10167.3
15°	708.0	877.3	1195.2	1639.5	2341.2	3545.1	5284.3	7664.3	10551.5	13182.7	15961.8
12.5°	787.6	987.4	1352.5	1918.2	2893.2	4460.5	6904.8	10165.9	13781.1	17746.6	22263.6
10°	850.6	1093.3	1530.4	2247.6	3449.5	5401.2	8312.7	12267.7	17071.7	22940.5	30161.2
7.5°	893.1	1178.1	1677.3	2488.8	3961.6	6363.2	9868.2	14621.8	20627.7	28402.6	38506.3
5°	926.4	1242.8	1787.7	2708.7	4394.8	7097.6	11020.6	16683.3	23788.0	34205.0	51328.0
2.5°	953.1	1292.4	1856.0	2860.0	4666.7	7609.0	11793.7	17849.6	25669.2	38494.9	60709.6
0°	974.0	1337.2	1900.5	2953.5	4875.1	7660.1	12035.0	18063.1	26344.4	39269.2	62728.6
-2.5°	982.8	1361.2	1915.9	2973.9	4854.2	7748.0	12108.7	18233.5	26319.1	38844.9	60473.7
-5°	997.6	1360.8	1904.3	2953.0	4745.4	7521.0	11627.8	17279.5	24731.3	35504.1	53224.0
-7.5°	1008.3	1339.1	1849.2	2819.2	4460.5	7030.3	10782.8	15698.9	21841.4	30020.9	40995.5
-10°	998.5	1297.5	1757.3	2594.8	4017.6	6243.1	9497.9	13612.2	18717.2	24778.9	32235.3
-12.5°	961.0	1220.5	1607.3	2280.3	3444.0	5361.3	8205.1	11708.2	15486.6	19743.8	24896.2
-15°	913.4	1137.6	1472.1	2064.7	3018.7	4487.4	6563.6	9405.3	12436.4	15668.7	19115.4
-17.5°	876.4	1064.8	1341.8	1770.8	2472.5	3640.3	5271.8	7290.6	9518.1	11979.0	14021.5
-20°	826.3	975.3	1207.8	1558.1	2093.5	2867.2	4055.4	5522.1	6991.9	8722.2	10133.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	776.2	905.9	1082.8	1339.2	1737.5	2322.1	3056.2	4035.6	5110.4	6103.6	7081.2
-25°	729.7	829.5	972.7	1183.0	1453.2	1852.1	2374.6	2936.4	3645.0	4249.5	4920.4
-27.5°	692.0	777.8	883.3	1037.6	1247.2	1503.8	1878.0	2254.4	2627.0	2932.1	3394.0
-30°	655.6	724.7	813.0	922.9	1080.1	1277.8	1520.7	1764.9	1979.9	2176.1	2416.6
-32.5°	619.8	676.1	743.7	835.0	947.8	1096.5	1245.7	1420.7	1570.2	1708.1	1835.8
-35°	584.0	634.0	685.6	762.6	852.5	958.1	1066.6	1185.2	1288.7	1381.6	1463.8
-37.5°	551.7	595.6	644.1	701.4	773.9	853.4	942.0	1028.2	1096.5	1156.8	1206.6
-40°	524.4	564.4	605.9	651.7	706.9	769.7	844.9	916.7	964.5	1001.4	1031.6
-42.5°	500.0	535.2	570.6	609.5	651.8	706.1	765.6	824.8	857.3	885.8	907.6
-45°	480.4	507.4	537.2	570.5	608.0	653.4	700.1	741.1	769.9	794.5	812.7
-47.5°	454.6	480.5	506.3	533.8	568.7	606.6	645.3	676.8	702.0	723.3	737.2
-50°	426.1	453.5	477.0	501.2	533.3	565.5	596.5	622.6	646.6	667.6	678.5
-52.5°	396.6	426.0	450.8	474.3	501.3	529.3	557.4	579.7	600.7	620.4	628.7
-55°	375.4	402.4	428.0	450.2	472.4	494.9	517.8	540.9	561.7	580.4	586.0
-57.5°	352.5	380.0	405.3	425.2	445.3	465.5	486.4	507.3	527.4	545.4	549.9
-60°	324.4	354.4	376.8	395.6	415.1	435.1	453.3	471.9	490.6	506.3	511.3
-62.5°	288.8	316.1	338.3	358.1	376.9	394.3	412.1	429.4	446.2	458.6	462.7
-65°	246.2	269.3	292.2	312.9	331.5	348.3	364.7	380.6	395.8	406.7	412.2
-67.5°	212.6	229.2	247.6	265.4	284.1	301.4	316.2	330.1	343.2	352.4	358.2
-70°	180.1	196.0	213.2	230.2	246.5	260.5	272.3	283.7	294.9	303.1	309.2
-72.5°	149.1	162.5	176.9	191.9	206.7	219.4	230.3	240.5	250.1	257.1	262.8
-75°	121.1	132.2	144.3	156.4	168.5	178.5	187.6	196.4	205.0	211.2	216.4
-77.5°	96.1	105.5	114.9	124.4	133.9	141.2	147.9	154.4	160.7	165.6	170.1
-80°	71.2	78.6	86.1	93.7	101.2	106.8	111.8	116.6	121.1	124.0	126.5
-82.5°	48.7	53.8	59.1	64.5	69.8	73.9	77.9	81.8	85.6	87.0	87.9
-85°	31.1	33.7	36.4	39.3	42.4	44.6	46.8	48.8	50.8	52.6	54.3
-87.5°	17.3	17.8	18.3	18.7	19.1	20.7	22.3	23.8	25.4	25.7	25.9
-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: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1
62.5°	4.8	5.1	5.2	5.3	5.2	5.1	4.8	4.3	3.8	4.1	4.8
60°	18.0	16.0	15.7	15.8	15.7	16.0	18.0	19.2	19.3	22.5	23.4
57.5°	80.1	89.1	91.6	89.5	91.6	89.1	80.1	70.5	61.0	59.8	61.1
55°	116.6	119.4	120.7	121.1	120.7	119.4	116.6	112.0	105.1	98.5	93.2
52.5°	142.9	142.0	141.7	142.1	141.7	142.0	142.9	142.4	139.7	133.2	123.1
50°	214.8	210.9	209.3	210.6	209.3	210.9	214.8	213.9	202.8	183.4	167.8
47.5°	274.6	275.8	277.6	279.0	277.6	275.8	274.6	273.3	262.4	241.5	219.3
45°	320.7	323.5	325.4	326.4	325.4	323.5	320.7	316.4	301.4	279.5	254.7
42.5°	367.7	368.0	367.5	368.5	367.5	368.0	367.7	364.0	347.3	324.6	298.6
40°	434.1	435.5	434.1	431.7	434.1	435.5	434.1	428.4	414.5	386.6	357.2
37.5°	567.3	569.3	563.0	558.1	563.0	569.3	567.3	555.3	534.6	496.8	459.4
35°	784.6	807.1	817.9	821.3	817.9	807.1	784.6	754.1	720.7	684.0	596.5
32.5°	1034.1	1065.4	1081.1	1095.1	1081.1	1065.4	1034.1	992.4	932.2	849.7	743.2
30°	1391.6	1449.4	1474.8	1511.0	1474.8	1449.4	1391.6	1318.9	1208.1	1077.1	927.1
27.5°	1974.9	2076.4	2132.6	2184.8	2132.6	2076.4	1974.9	1849.8	1629.4	1444.7	1194.2
25°	2971.7	3167.3	3293.9	3353.6	3293.9	3167.3	2971.7	2718.4	2369.8	2036.7	1625.8
22.5°	4623.1	4983.6	5261.6	5317.3	5261.6	4983.6	4623.1	4078.6	3515.9	2931.6	2299.6
20°	7187.2	7703.1	8122.7	8334.0	8122.7	7703.1	7187.2	6262.8	5309.9	4320.1	3390.7
17.5°	11913.1	12986.0	13476.0	13556.5	13476.0	12986.0	11913.1	10167.3	8701.5	7022.7	5170.2
15°	18943.7	20759.2	21911.8	22653.9	21911.8	20759.2	18943.7	15961.8	13182.7	10551.5	7664.3
12.5°	26965.5	32124.3	35059.7	36178.8	35059.7	32124.3	26965.5	22263.6	17746.6	13781.1	10165.9
10°	37852.9	49997.3	57002.8	60528.0	57002.8	49997.3	37852.9	30161.2	22940.5	17071.7	12267.7
7.5°	56331.3	75088.6	95870.9	105485.7	95870.9	75088.6	56331.3	38506.3	28402.6	20627.7	14621.8
5°	75756.6	116940.0	153086.9	170396.5	153086.9	116940.0	75756.6	51328.0	34205.0	23788.0	16683.3
2.5°	98082.9	153622.5	204973.4	226565.3	204973.4	153622.5	98082.9	60709.6	38494.9	25669.2	17849.6
0°	106675.5	171370.4	227531.3	248724.3	227531.3	171370.4	106675.5	62728.6	39269.2	26344.4	18063.1
-2.5°	99411.2	156313.2	205855.7	230071.5	205855.7	156313.2	99411.2	60473.7	38844.9	26319.1	18233.5
-5°	78987.3	117584.4	154275.4	174008.0	154275.4	117584.4	78987.3	53224.0	35504.1	24731.3	17279.5
-7.5°	57971.8	78983.6	99360.5	106485.9	99360.5	78983.6	57971.8	40995.5	30020.9	21841.4	15698.9
-10°	40361.1	52393.2	60335.7	62602.2	60335.7	52393.2	40361.1	32235.3	24778.9	18717.2	13612.2
-12.5°	29923.7	35186.6	38848.4	39485.1	38848.4	35186.6	29923.7	24896.2	19743.8	15486.6	11708.2
-15°	22157.8	24834.1	26722.7	26849.8	26722.7	24834.1	22157.8	19115.4	15668.7	12436.4	9405.3
-17.5°	16197.5	17993.9	18947.0	18879.1	18947.0	17993.9	16197.5	14021.5	11979.0	9518.1	7290.6
-20°	11582.1	12665.0	13432.9	13282.8	13432.9	12665.0	11582.1	10133.1	8722.2	6991.9	5522.1



REPORT NUMBER: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8075.8	8794.7	9244.7	9128.9	9244.7	8794.7	8075.8	7081.2	6103.6	5110.4	4035.6
-25°	5487.4	5879.1	6102.0	6064.9	6102.0	5879.1	5487.4	4920.4	4249.5	3645.0	2936.4
-27.5°	3739.3	3946.2	4015.3	4011.7	4015.3	3946.2	3739.3	3394.0	2932.1	2627.0	2254.4
-30°	2595.4	2734.5	2813.9	2764.0	2813.9	2734.5	2595.4	2416.6	2176.1	1979.9	1764.9
-32.5°	1934.4	2012.8	2058.2	2011.1	2058.2	2012.8	1934.4	1835.8	1708.1	1570.2	1420.7
-35°	1524.5	1564.2	1580.1	1553.1	1580.1	1564.2	1524.5	1463.8	1381.6	1288.7	1185.2
-37.5°	1242.9	1266.2	1274.1	1258.3	1274.1	1266.2	1242.9	1206.6	1156.8	1096.5	1028.2
-40°	1053.2	1067.4	1071.0	1058.2	1071.0	1067.4	1053.2	1031.6	1001.4	964.5	916.7
-42.5°	921.5	930.0	932.0	926.6	932.0	930.0	921.5	907.6	885.8	857.3	824.8
-45°	823.5	830.8	832.2	826.6	832.2	830.8	823.5	812.7	794.5	769.9	741.1
-47.5°	744.2	748.7	749.9	747.6	749.9	748.7	744.2	737.2	723.3	702.0	676.8
-50°	683.5	686.6	686.9	684.4	686.9	686.6	683.5	678.5	667.6	646.6	622.6
-52.5°	632.7	634.8	636.3	637.0	636.3	634.8	632.7	628.7	620.4	600.7	579.7
-55°	589.9	592.7	594.3	594.9	594.3	592.7	589.9	586.0	580.4	561.7	540.9
-57.5°	553.5	556.1	557.6	558.1	557.6	556.1	553.5	549.9	545.4	527.4	507.3
-60°	515.5	518.6	520.5	521.2	520.5	518.6	515.5	511.3	506.3	490.6	471.9
-62.5°	465.4	466.8	468.1	468.6	468.1	466.8	465.4	462.7	458.6	446.2	429.4
-65°	416.2	419.0	420.7	421.2	420.7	419.0	416.2	412.2	406.7	395.8	380.6
-67.5°	362.9	366.6	370.5	373.8	370.5	366.6	362.9	358.2	352.4	343.2	330.1
-70°	314.6	319.3	320.7	321.1	320.7	319.3	314.6	309.2	303.1	294.9	283.7
-72.5°	267.8	272.2	275.9	279.0	275.9	272.2	267.8	262.8	257.1	250.1	240.5
-75°	221.0	225.1	226.1	226.4	226.1	225.1	221.0	216.4	211.2	205.0	196.4
-77.5°	174.2	178.0	178.8	179.0	178.8	178.0	174.2	170.1	165.6	160.7	154.4
-80°	128.8	130.9	134.0	136.9	134.0	130.9	128.8	126.5	124.0	121.1	116.6
-82.5°	88.6	89.1	89.4	89.5	89.4	89.1	88.6	87.9	87.0	85.6	81.8
-85°	56.0	57.6	57.8	57.9	57.8	57.6	56.0	54.3	52.6	50.8	48.8
-87.5°	26.1	26.2	26.3	26.3	26.3	26.2	26.1	25.9	25.7	25.4	23.8
-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: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
65°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.4	5.8	6.0	5.4	4.1	2.5	3.1	3.7	2.5	0.5	1.8
60°	19.8	12.5	17.8	19.6	17.2	12.4	12.6	11.7	9.7	7.7	5.1
57.5°	64.8	62.7	51.4	44.4	42.3	37.5	30.9	24.6	21.7	17.5	12.4
55°	89.5	85.9	79.7	71.3	61.7	58.9	53.5	45.9	38.5	29.9	24.2
52.5°	110.0	111.0	107.5	97.3	88.8	83.1	75.7	68.5	59.5	51.1	39.9
50°	157.2	151.2	145.5	139.7	126.3	113.2	104.0	94.0	81.2	71.6	62.1
47.5°	200.7	191.8	185.7	178.0	162.7	148.9	134.5	120.4	104.4	89.5	80.1
45°	237.9	224.9	213.3	203.8	190.5	174.8	161.9	146.2	128.1	110.8	94.5
42.5°	275.7	256.0	240.3	230.7	214.7	198.5	184.0	171.9	152.1	132.0	115.6
40°	325.9	286.5	271.9	268.1	252.9	227.1	214.8	201.6	180.6	154.2	138.1
37.5°	408.8	356.1	330.2	316.7	302.9	276.1	252.2	234.9	216.0	186.1	163.1
35°	526.2	464.3	407.9	378.8	362.5	326.1	294.5	270.8	248.2	219.9	190.1
32.5°	629.2	559.5	492.1	441.2	404.6	371.0	335.7	306.4	276.8	247.9	218.5
30°	779.6	663.0	570.2	498.5	451.4	409.7	372.3	336.8	303.4	272.9	243.4
27.5°	983.7	797.8	671.7	570.8	500.6	451.0	408.4	366.9	328.8	296.0	265.7
25°	1284.0	986.7	798.2	662.1	560.3	496.7	448.0	400.1	355.5	318.2	292.5
22.5°	1715.5	1309.3	998.6	760.9	647.4	566.7	494.9	434.6	384.1	350.7	320.3
20°	2458.4	1752.6	1293.4	988.1	779.3	649.7	551.5	480.7	429.0	386.1	348.4
17.5°	3728.2	2583.1	1674.7	1272.4	975.2	773.9	632.2	538.2	473.2	421.8	376.7
15°	5284.3	3545.1	2341.2	1639.5	1195.2	877.3	708.0	595.3	518.4	459.1	405.2
12.5°	6904.8	4460.5	2893.2	1918.2	1352.5	987.4	787.6	660.4	563.7	486.1	424.0
10°	8312.7	5401.2	3449.5	2247.6	1530.4	1093.3	850.6	701.4	590.7	505.5	440.0
7.5°	9868.2	6363.2	3961.6	2488.8	1677.3	1178.1	893.1	729.0	613.0	521.7	453.2
5°	11020.6	7097.6	4394.8	2708.7	1787.7	1242.8	926.4	748.7	630.5	534.6	463.6
2.5°	11793.7	7609.0	4666.7	2860.0	1856.0	1292.4	953.1	767.2	644.0	547.7	475.2
0°	12035.0	7660.1	4875.1	2953.5	1900.5	1337.2	974.0	784.4	652.8	558.1	484.4
-2.5°	12108.7	7748.0	4854.2	2973.9	1915.9	1361.2	982.8	787.7	659.7	562.0	485.7
-5°	11627.8	7521.0	4745.4	2953.0	1904.3	1360.8	997.6	793.4	663.6	563.3	484.5
-7.5°	10782.8	7030.3	4460.5	2819.2	1849.2	1339.1	1008.3	800.9	667.1	567.4	488.3
-10°	9497.9	6243.1	4017.6	2594.8	1757.3	1297.5	998.5	796.8	664.8	566.7	489.1
-12.5°	8205.1	5361.3	3444.0	2280.3	1607.3	1220.5	961.0	780.5	656.5	560.9	486.9
-15°	6563.6	4487.4	3018.7	2064.7	1472.1	1137.6	913.4	754.9	642.4	550.5	481.4
-17.5°	5271.8	3640.3	2472.5	1770.8	1341.8	1064.8	876.4	734.2	625.9	539.9	473.9
-20°	4055.4	2867.2	2093.5	1558.1	1207.8	975.3	826.3	703.7	606.8	528.9	466.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3056.2	2322.1	1737.5	1339.2	1082.8	905.9	776.2	669.7	583.7	513.2	457.6
-25°	2374.6	1852.1	1453.2	1183.0	972.7	829.5	729.7	642.8	565.3	497.6	446.5
-27.5°	1878.0	1503.8	1247.2	1037.6	883.3	777.8	692.0	614.8	545.6	485.9	435.2
-30°	1520.7	1277.8	1080.1	922.9	813.0	724.7	655.6	591.0	527.1	470.8	423.1
-32.5°	1245.7	1096.5	947.8	835.0	743.7	676.1	619.8	565.4	504.6	455.2	410.4
-35°	1066.6	958.1	852.5	762.6	685.6	634.0	584.0	533.1	483.6	437.6	395.9
-37.5°	942.0	853.4	773.9	701.4	644.1	595.6	551.7	506.7	461.7	419.6	381.1
-40°	844.9	769.7	706.9	651.7	605.9	564.4	524.4	482.9	442.8	400.6	365.0
-42.5°	765.6	706.1	651.8	609.5	570.6	535.2	500.0	463.8	424.5	384.6	347.0
-45°	700.1	653.4	608.0	570.5	537.2	507.4	480.4	444.3	405.9	365.9	327.8
-47.5°	645.3	606.6	568.7	533.8	506.3	480.5	454.6	422.6	382.4	344.7	312.2
-50°	596.5	565.5	533.3	501.2	477.0	453.5	426.1	392.7	358.0	327.0	296.4
-52.5°	557.4	529.3	501.3	474.3	450.8	426.0	396.6	367.8	338.1	309.0	280.9
-55°	517.8	494.9	472.4	450.2	428.0	402.4	375.4	346.7	317.7	290.4	261.7
-57.5°	486.4	465.5	445.3	425.2	405.3	380.0	352.5	324.5	294.5	266.9	239.9
-60°	453.3	435.1	415.1	395.6	376.8	354.4	324.4	295.6	267.9	241.8	215.7
-62.5°	412.1	394.3	376.9	358.1	338.3	316.1	288.8	262.3	238.3	215.6	192.1
-65°	364.7	348.3	331.5	312.9	292.2	269.3	246.2	226.7	208.2	188.9	168.3
-67.5°	316.2	301.4	284.1	265.4	247.6	229.2	212.6	195.8	178.6	160.9	142.4
-70°	272.3	260.5	246.5	230.2	213.2	196.0	180.1	164.6	148.6	133.8	119.5
-72.5°	230.3	219.4	206.7	191.9	176.9	162.5	149.1	136.5	124.0	111.7	99.0
-75°	187.6	178.5	168.5	156.4	144.3	132.2	121.1	110.9	100.3	89.5	78.8
-77.5°	147.9	141.2	133.9	124.4	114.9	105.5	96.1	86.8	78.1	70.0	62.5
-80°	111.8	106.8	101.2	93.7	86.1	78.6	71.2	64.9	58.9	53.5	48.2
-82.5°	77.9	73.9	69.8	64.5	59.1	53.8	48.7	44.8	41.1	37.4	33.9
-85°	46.8	44.6	42.4	39.3	36.4	33.7	31.1	29.0	26.8	24.6	22.3
-87.5°	22.3	20.7	19.1	18.7	18.3	17.8	17.3	15.7	14.1	12.6	11.2
-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: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.0	2.2	1.6
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.4	0.9	2.2	3.4	3.0
65°	1.8	1.3	0.1	1.4	2.6	3.4	2.6	1.6	2.3	3.6	4.4
62.5°	3.1	4.0	3.0	2.2	2.9	4.2	4.9	3.3	2.8	3.8	5.0
60°	3.5	4.8	5.4	4.2	3.7	4.5	5.3	4.9	3.8	4.0	5.2
57.5°	9.3	6.0	6.0	5.7	4.8	4.9	5.3	5.3	4.7	4.5	5.3
55°	17.2	12.6	8.9	7.1	6.0	5.2	5.4	5.3	5.3	4.9	5.3
52.5°	29.9	21.7	15.9	10.8	8.0	6.0	6.0	5.3	5.3	5.2	5.3
50°	47.7	34.3	25.1	18.1	11.2	8.8	6.8	6.1	5.3	5.3	5.3
47.5°	69.6	51.2	36.6	26.4	18.5	11.9	9.4	7.3	5.3	5.3	5.3
45°	86.0	71.4	51.1	36.9	26.0	17.9	12.6	8.7	6.6	5.5	5.3
42.5°	102.0	88.8	69.4	47.3	35.8	24.7	16.1	11.6	8.0	5.8	5.5
40°	122.5	106.0	87.0	64.5	46.5	31.4	21.9	15.0	9.6	6.7	5.9
37.5°	143.6	125.1	104.5	81.0	58.6	41.7	27.8	18.5	12.1	8.6	6.4
35°	167.3	145.1	121.8	96.9	73.0	52.2	33.4	22.7	15.5	10.5	7.0
32.5°	191.2	164.3	137.9	112.2	86.4	63.0	41.4	28.2	18.7	12.5	7.8
30°	214.5	183.3	152.7	126.9	99.2	74.6	51.4	34.1	21.8	14.6	8.8
27.5°	235.5	201.9	167.0	140.0	112.0	85.4	61.4	40.5	24.8	17.0	10.5
25°	257.6	220.8	183.4	151.7	124.1	96.2	70.7	47.3	29.2	19.5	12.2
22.5°	282.7	239.9	199.2	162.2	136.8	106.9	79.7	55.3	34.5	21.9	13.9
20°	309.6	258.8	215.1	177.1	148.7	117.8	88.5	62.7	39.9	24.1	15.5
17.5°	337.2	279.5	234.3	194.2	160.4	128.0	97.0	69.5	45.3	26.2	17.2
15°	355.9	300.3	251.5	210.1	172.2	137.5	105.0	75.6	50.6	28.2	18.8
12.5°	371.6	318.1	266.7	224.8	183.8	146.1	112.4	81.1	55.8	30.9	20.4
10°	385.4	333.2	280.0	238.4	195.1	153.9	119.3	86.0	60.6	34.3	21.9
7.5°	397.4	345.6	291.4	250.6	205.7	161.8	125.0	90.3	64.8	37.7	23.2
5°	407.4	356.4	300.9	258.5	215.6	170.1	129.8	94.0	68.3	41.1	24.4
2.5°	415.4	366.1	309.1	264.2	224.3	177.7	133.7	97.3	71.3	44.4	25.4
0°	421.2	373.8	315.9	268.5	231.6	184.3	136.9	100.0	73.7	47.4	26.3
-2.5°	425.0	375.1	323.1	273.5	236.0	189.8	143.3	103.4	75.6	50.1	27.9
-5°	426.6	375.0	328.5	277.3	239.2	194.2	148.6	106.2	77.2	52.4	29.3
-7.5°	429.0	376.7	331.5	280.3	241.3	197.6	152.8	108.3	78.3	54.3	30.6
-10°	429.9	378.4	332.2	284.0	243.1	200.0	155.4	109.6	79.2	55.7	31.8
-12.5°	428.7	378.3	332.0	286.1	243.9	201.4	156.8	111.6	80.0	56.5	32.8
-15°	425.3	376.0	331.2	286.3	243.8	202.0	157.3	113.5	81.6	56.7	33.6
-17.5°	420.0	371.7	330.0	284.5	242.8	201.7	156.8	114.4	82.4	56.4	34.4
-20°	414.8	367.7	328.3	280.7	241.0	200.6	155.4	114.2	82.4	55.5	35.1

Classified

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Scaled Data Report



REPORT NUMBER: P627408 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	408.0	363.9	322.4	276.9	238.4	198.7	153.3	112.9	81.5	54.3	35.5
-25°	399.3	358.2	315.8	273.9	235.1	195.0	150.7	110.5	79.5	52.6	35.7
-27.5°	390.7	350.5	308.8	269.8	230.5	190.5	147.4	108.1	76.9	50.5	35.5
-30°	380.6	341.9	302.6	264.2	224.1	184.1	142.5	104.5	74.0	49.4	35.1
-32.5°	369.6	333.2	295.7	255.7	216.1	177.0	136.4	99.5	70.7	48.8	34.7
-35°	358.6	323.4	287.3	245.2	207.4	169.2	130.1	93.2	67.0	47.8	34.3
-37.5°	345.6	311.3	273.7	233.8	198.2	160.9	124.3	89.6	62.8	46.4	33.6
-40°	330.7	296.6	258.2	223.2	188.5	152.1	117.9	86.3	60.1	44.7	32.9
-42.5°	314.1	280.0	245.7	212.3	178.2	144.6	111.4	82.2	58.9	43.2	31.9
-45°	297.1	265.1	234.1	201.1	168.0	136.7	106.0	77.7	57.1	42.0	30.9
-47.5°	281.1	252.4	221.4	189.0	159.0	128.7	99.6	74.7	54.6	40.6	29.9
-50°	267.7	238.5	207.4	176.8	148.5	120.6	93.0	70.9	52.5	39.0	28.6
-52.5°	252.1	222.6	192.3	163.3	137.3	111.5	87.3	66.2	49.6	37.1	27.0
-55°	233.6	204.4	175.3	149.9	125.7	102.8	80.7	61.4	45.9	34.8	25.2
-57.5°	212.0	183.6	159.8	136.8	114.0	93.1	73.3	55.7	42.6	32.3	23.2
-60°	189.8	166.9	145.1	122.6	101.6	82.7	64.9	49.9	39.2	29.5	21.0
-62.5°	170.1	149.1	127.7	107.1	88.7	71.7	56.3	45.4	35.4	26.5	18.5
-65°	148.0	128.1	109.0	92.0	75.7	61.4	50.5	40.5	31.4	23.2	16.3
-67.5°	124.2	108.3	92.2	76.8	64.7	54.1	44.3	35.3	27.1	19.7	15.0
-70°	104.9	90.1	76.9	65.9	55.9	46.5	37.8	29.8	22.5	17.6	13.5
-72.5°	86.6	75.1	64.7	55.3	46.7	38.5	31.0	24.4	19.6	15.4	11.9
-75°	69.0	60.7	52.5	44.4	37.1	30.4	25.4	20.6	16.5	13.1	10.4
-77.5°	55.3	47.9	40.4	34.7	30.1	25.5	20.9	16.5	13.7	11.3	9.0
-80°	42.5	37.4	32.9	28.9	24.8	20.6	17.0	13.9	11.8	9.7	7.5
-82.5°	30.6	27.8	25.4	23.1	19.9	16.9	14.2	11.8	9.9	7.9	5.9
-85°	20.8	19.5	18.3	17.3	15.1	13.1	10.9	8.8	7.0	5.4	3.9
-87.5°	10.7	10.2	9.6	9.1	7.8	6.6	5.5	4.4	3.5	2.7	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	1.0	0.0
67.5°	1.9	1.6	1.6	0.6	0.3	1.1	0.0
65°	3.1	2.3	2.1	1.2	0.4	1.2	0.0
62.5°	4.2	3.0	2.7	1.7	0.6	1.4	0.0
60°	5.2	3.7	3.3	2.2	0.7	1.5	0.0
57.5°	5.3	4.3	3.7	2.8	1.2	1.6	0.0
55°	5.3	4.9	4.1	3.4	1.6	1.8	0.0
52.5°	5.3	5.3	4.4	3.9	2.0	1.9	0.0
50°	5.3	5.3	4.7	4.5	2.4	2.1	0.0
47.5°	5.3	5.3	4.9	5.0	2.8	2.3	0.0
45°	5.3	5.3	5.1	5.2	3.1	2.4	0.0
42.5°	5.3	5.3	5.2	5.3	3.4	2.6	0.0
40°	5.3	5.3	5.3	5.3	3.7	2.8	0.0
37.5°	5.3	5.3	5.3	5.3	4.0	2.9	0.0
35°	5.3	5.3	5.3	5.3	4.2	3.1	0.0
32.5°	5.5	5.3	5.3	5.3	4.4	3.3	0.0
30°	6.0	5.3	5.3	5.3	4.6	3.4	0.0
27.5°	6.6	5.3	5.3	5.3	4.7	3.6	0.0
25°	7.2	5.3	5.3	5.3	4.9	3.8	0.0
22.5°	7.8	5.4	5.3	5.3	5.0	4.0	0.0
20°	8.5	5.8	5.3	5.3	5.1	4.1	0.0
17.5°	9.4	6.2	5.3	5.3	5.2	4.3	0.0
15°	10.5	6.8	5.3	5.3	5.2	4.5	0.0
12.5°	11.5	7.4	5.3	5.3	5.2	4.6	0.0
10°	12.5	8.0	5.3	5.3	5.3	4.8	0.0
7.5°	13.4	8.6	5.3	5.3	5.3	4.9	0.0
5°	14.3	9.3	5.3	5.3	5.3	5.0	0.0
2.5°	15.1	9.9	5.3	5.3	5.3	5.2	0.0
0°	15.8	10.5	5.3	5.3	5.3	5.3	0.0
-2.5°	17.2	11.1	5.8	5.3	5.3	5.3	0.0
-5°	18.5	11.6	6.2	5.3	5.3	5.3	0.0
-7.5°	19.6	12.0	6.6	5.3	5.3	5.3	0.0
-10°	20.6	12.4	7.0	5.3	5.3	5.2	0.0
-12.5°	21.5	12.8	7.4	5.3	5.3	5.2	0.0
-15°	22.2	13.1	7.6	5.3	5.3	5.1	0.0
-17.5°	22.6	13.3	7.9	5.3	5.3	5.1	0.0
-20°	22.9	13.5	8.0	5.3	5.3	5.0	0.0

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CATALOG NUMBER: GFLD-SA4C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.2	13.6	8.1	5.3	5.3	4.9	0.0
-25°	23.4	13.9	8.1	5.3	5.3	4.8	0.0
-27.5°	23.4	14.3	7.9	5.3	5.3	4.7	0.0
-30°	23.3	14.5	7.7	5.3	5.3	4.6	0.0
-32.5°	23.0	14.6	7.7	5.3	5.3	4.5	0.0
-35°	22.9	14.6	7.6	5.3	5.3	4.3	0.0
-37.5°	22.8	14.4	7.5	5.3	5.3	4.2	0.0
-40°	22.5	14.2	7.2	5.3	5.3	4.1	0.0
-42.5°	22.0	13.7	7.1	5.4	5.3	3.9	0.0
-45°	21.4	13.2	7.3	5.5	5.3	3.7	0.0
-47.5°	20.5	12.5	7.4	5.6	5.3	3.6	0.0
-50°	19.5	11.7	7.5	5.7	5.3	3.4	0.0
-52.5°	18.2	10.7	7.5	5.7	5.3	3.2	0.0
-55°	16.8	10.4	7.5	5.7	5.3	3.0	0.0
-57.5°	15.3	10.2	7.4	5.7	5.3	2.8	0.0
-60°	13.7	9.9	7.2	5.7	5.3	2.6	0.0
-62.5°	13.0	9.4	7.0	5.6	4.9	2.4	0.0
-65°	12.1	8.9	6.7	5.5	4.5	2.2	0.0
-67.5°	11.2	8.4	6.5	5.4	4.1	2.0	0.0
-70°	10.2	7.8	6.1	5.3	3.6	1.8	0.0
-72.5°	9.1	7.1	5.8	4.8	3.2	1.6	0.0
-75°	8.0	6.3	5.4	4.1	2.7	1.4	0.0
-77.5°	6.7	5.6	4.6	3.4	2.3	1.1	0.0
-80°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-82.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
-85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-87.5°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)