

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: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627148 (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-SA3C-730-U-NR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

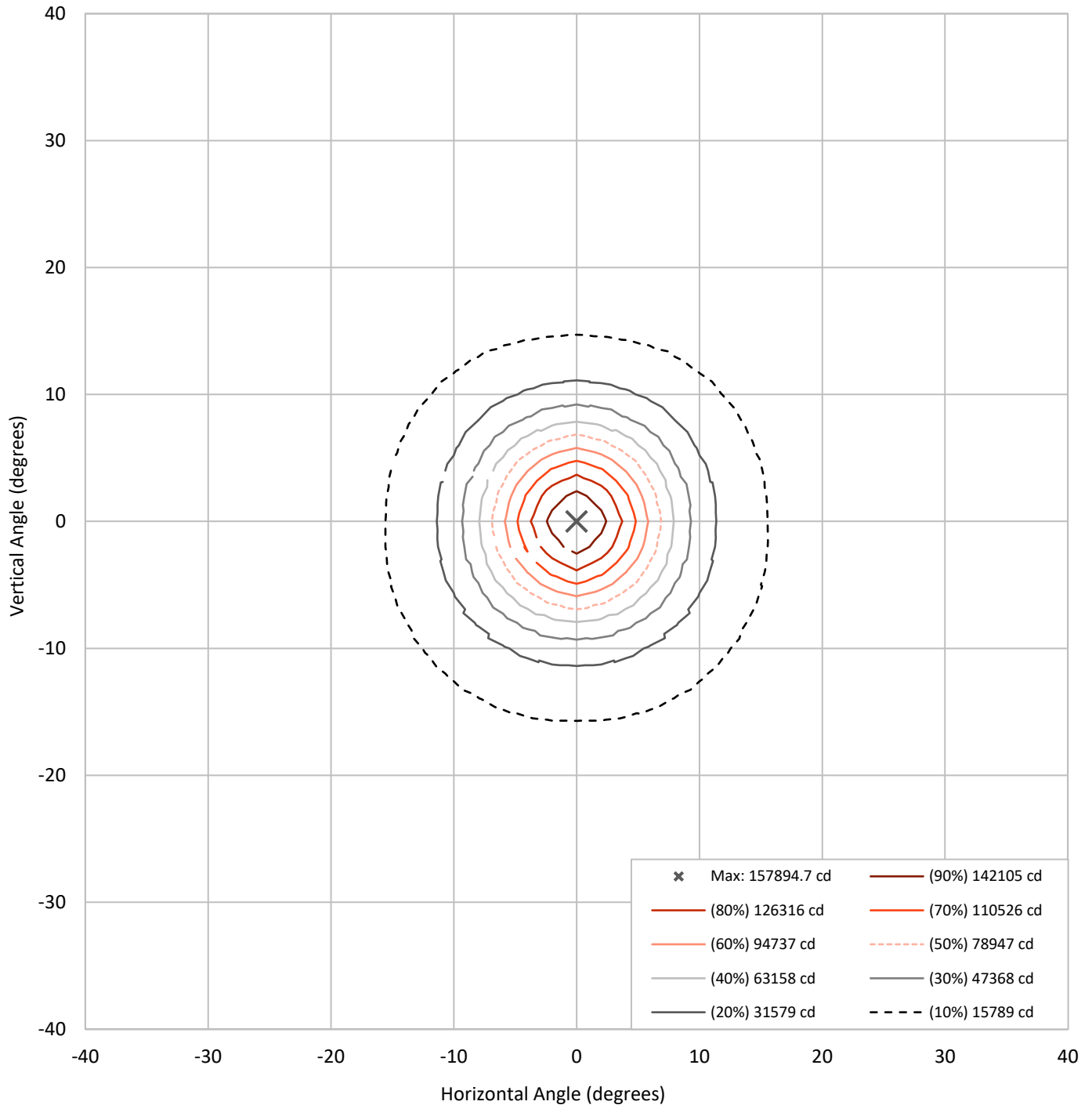
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15576.6 lumens	Max Intensity:	157894.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	4972.8 lumens	Field Lumens:	11076 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





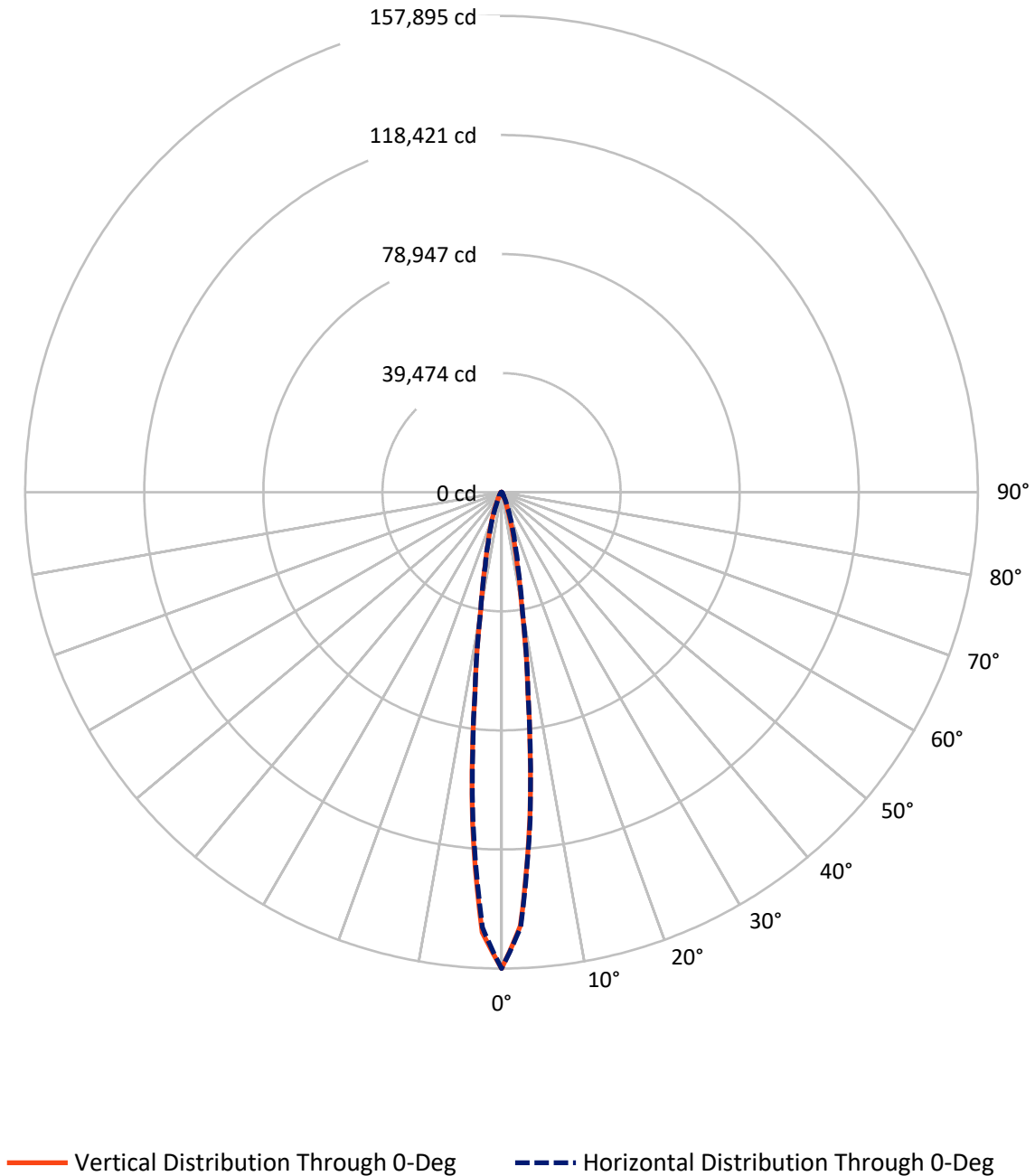
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### Lumen Table

90																			
80	0.0	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																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	0.9	1.4	1.8	2.2	2.2	1.8	1.4	0.9	0.4	0.1	0.0				
40	0.1	0.1	0.5	1.4	2.5	3.7	5.3	6.2	6.2	5.3	3.7	2.5	1.4	0.5	0.1				
30		0.2	1.1	2.6	4.7	7.5	12.7	16.1	16.1	12.7	7.5	4.7	2.6	1.1	0.2				
20	0.1	0.4	1.7	4.0	7.3	15.8	42.3	70.1	70.1	42.3	15.8	7.3	4.0	1.7	0.4				
10		0.7	2.4	5.5	12.1	47.4	199.7	438.9	438.9	199.7	47.4	12.1	5.5	2.4	0.7				
0	0.2	0.8	2.9	6.5	16.4	88.9	478.5	2145.8	2145.8	478.5	88.9	16.4	6.5	2.9	0.8				
-10		1.0	3.2	6.9	17.6	94.7	495.2	2182.2	2182.2	495.2	94.7	17.6	6.9	3.2	1.0				
-20	0.3	1.0	3.2	6.7	15.4	60.3	240.4	514.2	514.2	240.4	60.3	15.4	6.7	3.2	1.0				
-30		1.0	3.1	6.2	11.9	28.2	74.1	123.5	123.5	74.1	28.2	11.9	6.2	3.1	1.0				
-40	0.3	0.8	2.8	5.5	9.3	15.5	25.2	32.0	32.0	25.2	15.5	9.3	5.5	2.8	0.8				
-50		0.7	2.3	4.6	7.5	10.8	14.5	16.2	16.2	14.5	10.8	7.5	4.6	2.3	0.7				
-60	0.2	0.5	1.7	3.6	5.9	8.3	10.5	11.5	11.5	10.5	8.3	5.9	3.6	1.7	0.5				
-70		0.3	1.1	2.3	4.0	5.8	7.3	8.0	8.0	7.3	5.8	4.0	2.3	1.1	0.3				
-80	0.1	0.9	3.9	8.6	10.9	8.6	3.9	0.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

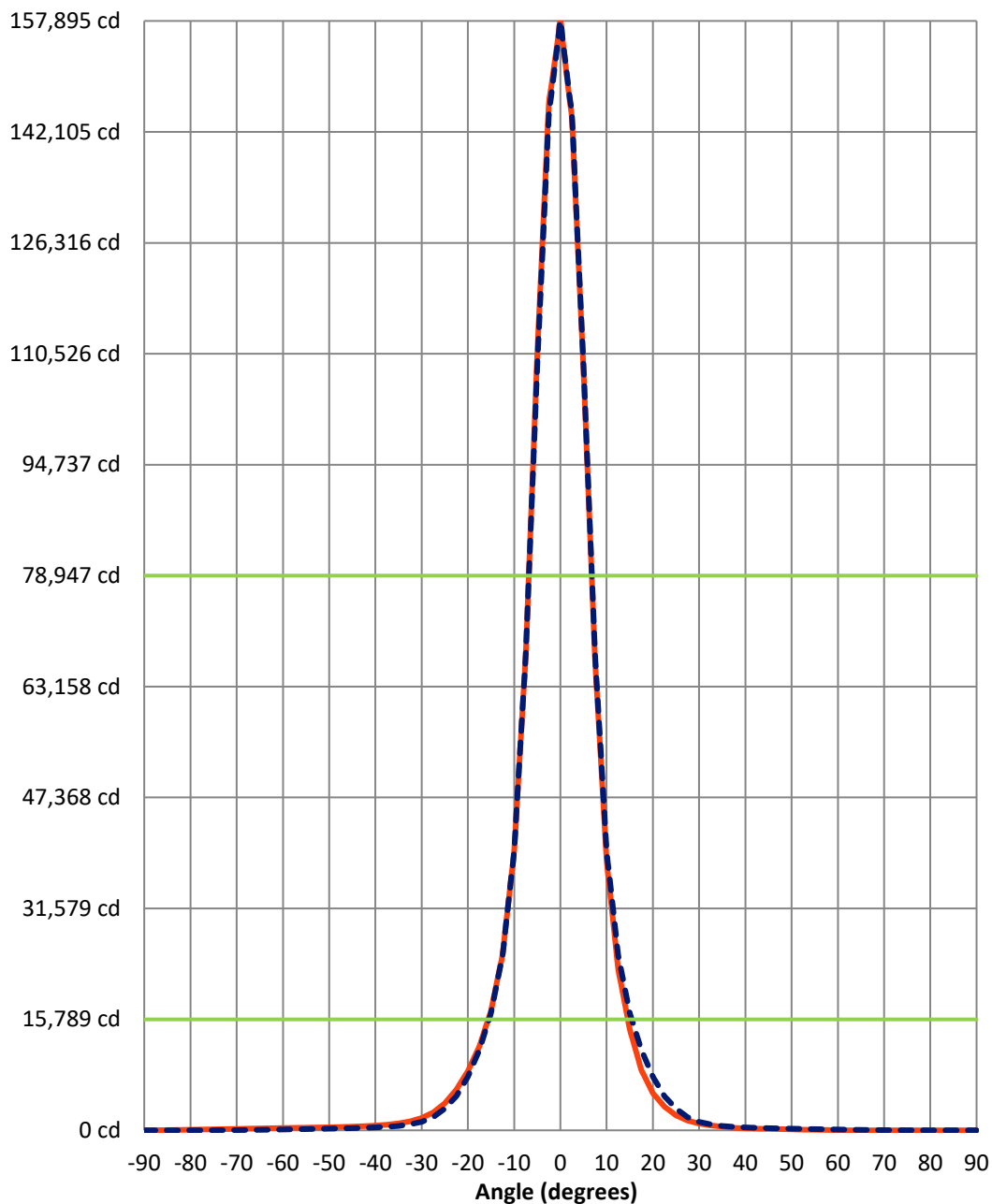
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 4972.8  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 11076  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 4500.6  
 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.4	0.5	0.2	0.2	0.7	0.7	0.3
70°	0.0	0.6	0.1	0.1	0.7	0.7	0.4	1.0	1.4	1.2	0.4
67.5°	0.0	0.7	0.2	0.4	1.0	1.0	1.2	1.9	2.1	1.3	0.6
65°	0.0	0.8	0.3	0.7	1.3	1.4	1.9	2.7	2.2	1.5	1.0
62.5°	0.0	0.8	0.3	1.1	1.7	1.9	2.6	3.1	2.3	1.7	2.1
60°	0.0	0.9	0.4	1.4	2.1	2.3	3.2	3.2	2.5	2.4	3.0
57.5°	0.0	1.0	0.7	1.7	2.3	2.7	3.3	3.3	2.8	2.9	3.3
55°	0.0	1.1	1.0	2.1	2.5	3.0	3.3	3.3	3.0	3.3	3.3
52.5°	0.0	1.2	1.2	2.5	2.7	3.3	3.3	3.3	3.2	3.3	3.3
50°	0.0	1.3	1.5	2.8	2.9	3.3	3.3	3.3	3.3	3.3	3.9
47.5°	0.0	1.4	1.7	3.1	3.1	3.3	3.3	3.3	3.3	3.3	4.6
45°	0.0	1.5	1.9	3.2	3.2	3.3	3.3	3.3	3.4	4.1	5.5
42.5°	0.0	1.6	2.1	3.3	3.3	3.3	3.3	3.4	3.6	5.1	7.4
40°	0.0	1.7	2.3	3.3	3.3	3.3	3.3	3.7	4.2	6.1	9.5
37.5°	0.0	1.8	2.5	3.3	3.3	3.3	3.3	4.0	5.4	7.7	11.8
35°	0.0	1.9	2.6	3.3	3.3	3.3	3.3	4.4	6.7	9.9	14.4
32.5°	0.0	2.0	2.7	3.3	3.3	3.3	3.4	4.9	8.0	11.9	17.9
30°	0.0	2.1	2.9	3.3	3.3	3.3	3.8	5.6	9.3	13.9	21.6
27.5°	0.0	2.3	3.0	3.3	3.3	3.3	4.1	6.6	10.8	15.8	25.7
25°	0.0	2.4	3.0	3.3	3.3	3.3	4.5	7.7	12.4	18.6	30.0
22.5°	0.0	2.5	3.1	3.3	3.3	3.4	5.0	8.8	13.9	21.9	35.1
20°	0.0	2.6	3.2	3.3	3.3	3.6	5.4	9.9	15.3	25.3	39.8
17.5°	0.0	2.7	3.2	3.3	3.3	3.9	6.0	10.9	16.7	28.8	44.1
15°	0.0	2.8	3.2	3.3	3.3	4.3	6.7	12.0	17.9	32.1	48.0
12.5°	0.0	2.9	3.3	3.3	3.3	4.6	7.3	13.0	19.6	35.4	51.5
10°	0.0	3.0	3.3	3.3	3.3	5.1	7.9	13.9	21.8	38.5	54.6
7.5°	0.0	3.1	3.3	3.3	3.3	5.5	8.5	14.7	24.0	41.1	57.3
5°	0.0	3.1	3.3	3.3	3.3	5.9	9.0	15.5	26.1	43.4	59.7
2.5°	0.0	3.2	3.3	3.3	3.3	6.3	9.5	16.1	28.2	45.3	61.8
0°	0.0	3.3	3.3	3.3	3.3	6.7	10.0	16.7	30.1	46.8	63.5
-2.5°	0.0	3.3	3.3	3.3	3.6	7.0	10.9	17.7	31.8	48.0	65.7
-5°	0.0	3.3	3.3	3.3	3.9	7.4	11.7	18.6	33.3	49.0	67.4
-7.5°	0.0	3.3	3.3	3.3	4.2	7.6	12.4	19.4	34.5	49.8	68.7
-10°	0.0	3.2	3.3	3.3	4.4	7.9	13.1	20.2	35.3	50.3	69.6
-12.5°	0.0	3.2	3.3	3.3	4.6	8.1	13.6	20.8	35.9	50.8	70.9
-15°	0.0	3.2	3.3	3.3	4.8	8.3	14.1	21.3	36.0	51.8	72.1
-17.5°	0.0	3.1	3.3	3.3	5.0	8.4	14.3	21.8	35.8	52.3	72.6
-20°	0.0	3.1	3.3	3.3	5.1	8.5	14.5	22.3	35.2	52.3	72.5

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CATALOG NUMBER: GFLD-SA3C-730-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	3.0	3.3	3.3	5.1	8.6	14.7	22.5	34.4	51.7	71.7
-25°	0.0	3.0	3.3	3.3	5.1	8.8	14.8	22.6	33.4	50.5	70.1
-27.5°	0.0	2.9	3.3	3.3	5.0	9.1	14.8	22.6	32.1	48.8	68.6
-30°	0.0	2.9	3.3	3.3	4.9	9.2	14.7	22.3	31.4	47.0	66.3
-32.5°	0.0	2.8	3.3	3.3	4.9	9.3	14.6	22.1	31.0	44.9	63.2
-35°	0.0	2.7	3.3	3.3	4.8	9.3	14.5	21.8	30.3	42.5	59.1
-37.5°	0.0	2.6	3.3	3.3	4.7	9.2	14.5	21.3	29.5	39.8	56.8
-40°	0.0	2.5	3.3	3.3	4.5	9.0	14.3	20.8	28.4	38.1	54.8
-42.5°	0.0	2.4	3.3	3.3	4.5	8.7	14.0	20.2	27.5	37.4	52.2
-45°	0.0	2.3	3.3	3.4	4.6	8.4	13.6	19.6	26.6	36.2	49.3
-47.5°	0.0	2.2	3.3	3.5	4.7	7.9	13.0	19.0	25.7	34.7	47.4
-50°	0.0	2.1	3.3	3.5	4.7	7.4	12.4	18.1	24.8	33.4	45.0
-52.5°	0.0	2.0	3.3	3.6	4.7	6.8	11.6	17.1	23.5	31.5	42.1
-55°	0.0	1.9	3.3	3.6	4.7	6.6	10.7	16.0	22.1	29.2	39.0
-57.5°	0.0	1.8	3.3	3.6	4.6	6.4	9.7	14.7	20.5	27.0	35.4
-60°	0.0	1.6	3.3	3.6	4.5	6.2	8.6	13.3	18.7	24.9	31.7
-62.5°	0.0	1.5	3.0	3.5	4.4	6.0	8.2	11.7	16.8	22.5	28.8
-65°	0.0	1.4	2.8	3.5	4.2	5.7	7.7	10.3	14.7	19.9	25.7
-67.5°	0.0	1.3	2.5	3.4	4.1	5.3	7.1	9.5	12.5	17.2	22.4
-70°	0.0	1.1	2.3	3.3	3.8	4.9	6.5	8.6	11.2	14.3	18.9
-72.5°	0.0	1.0	2.0	3.0	3.6	4.5	5.8	7.6	9.8	12.4	15.5
-75°	0.0	0.9	1.7	2.6	3.3	4.0	5.0	6.6	8.3	10.5	13.1
-77.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.7	7.2	8.7	10.5
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.7	6.1	7.5	8.8
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.7	5.0	6.3	7.5
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.5	3.4	4.5	5.6
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.7	2.2	2.8
-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°	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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.1	0.7	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.6	2.1	1.6	0.9	0.1	0.8	1.1	0.9	0.1	0.0	0.0
62.5°	3.1	2.6	1.8	1.4	1.9	2.5	1.9	1.1	0.3	1.6	2.3
60°	3.3	2.8	2.3	2.6	3.3	3.0	2.2	3.2	4.9	6.2	7.5
57.5°	3.3	3.1	3.0	3.6	3.8	3.8	5.9	7.8	11.1	13.8	15.6
55°	3.4	3.3	3.8	4.5	5.6	8.0	10.9	15.4	19.0	24.5	29.2
52.5°	3.8	3.7	5.1	6.8	10.1	13.8	19.0	25.3	32.4	37.8	43.5
50°	4.3	5.6	7.1	11.5	15.9	21.7	30.3	39.5	45.5	51.6	59.7
47.5°	5.9	7.6	11.8	16.8	23.3	32.5	44.2	50.9	56.8	66.3	76.5
45°	8.0	11.4	16.5	23.5	32.4	45.3	54.6	60.0	70.3	81.3	92.9
42.5°	10.3	15.7	22.7	30.0	44.1	56.4	64.8	73.4	83.7	96.6	109.2
40°	13.9	19.9	29.5	41.0	55.3	67.3	77.8	87.6	97.9	114.7	128.0
37.5°	17.6	26.4	37.2	51.5	66.4	79.5	91.2	103.6	118.2	137.1	149.1
35°	21.2	33.1	46.3	61.5	77.3	92.1	106.2	120.7	139.6	157.5	171.9
32.5°	26.3	40.0	54.9	71.3	87.5	104.3	121.4	138.7	157.4	175.7	194.5
30°	32.6	47.3	63.0	80.6	96.9	116.3	136.1	154.5	173.3	192.6	213.8
27.5°	39.0	54.2	71.1	88.9	106.0	128.1	149.5	168.7	187.9	208.7	232.9
25°	44.9	61.1	78.8	96.3	116.4	140.1	163.5	185.7	202.0	225.7	254.0
22.5°	50.6	67.9	86.8	102.9	126.4	152.2	179.4	203.3	222.6	243.8	275.9
20°	56.2	74.8	94.4	112.4	136.5	164.2	196.5	221.2	245.1	272.3	305.1
17.5°	61.6	81.3	101.8	123.2	148.7	177.4	214.1	239.1	267.7	300.4	341.7
15°	66.6	87.3	109.3	133.3	159.7	190.6	226.0	257.2	291.4	329.1	377.9
12.5°	71.4	92.7	116.7	142.7	169.3	202.0	235.9	269.2	308.5	357.8	419.2
10°	75.7	97.7	123.8	151.3	177.7	211.6	244.7	279.3	320.8	374.9	445.3
7.5°	79.3	102.7	130.6	159.1	185.0	219.5	252.3	287.6	331.1	389.1	462.8
5°	82.4	108.0	136.9	164.1	191.0	226.2	258.6	294.2	339.3	400.2	475.3
2.5°	84.9	112.8	142.4	167.7	196.2	232.4	263.7	301.6	347.7	408.8	487.0
0°	86.9	117.0	147.1	170.4	200.5	237.3	267.4	307.5	354.3	414.4	498.0
-2.5°	91.0	120.5	149.9	173.6	205.1	238.1	269.8	308.3	356.7	418.7	500.0
-5°	94.4	123.2	151.9	176.0	208.6	238.0	270.9	307.6	357.6	421.2	503.7
-7.5°	97.0	125.4	153.2	177.9	210.4	239.1	272.3	310.0	360.2	423.5	508.4
-10°	98.7	126.9	154.3	180.3	210.9	240.2	272.9	310.5	359.8	422.0	505.8
-12.5°	99.5	127.9	154.9	181.6	210.8	240.1	272.1	309.1	356.1	416.8	495.4
-15°	99.8	128.2	154.8	181.8	210.3	238.7	270.0	305.5	349.5	407.9	479.2
-17.5°	99.5	128.0	154.2	180.7	209.5	235.9	266.6	300.8	342.8	397.3	466.1
-20°	98.7	127.3	153.0	178.2	208.4	233.4	263.3	296.3	335.8	385.2	446.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	97.3	126.2	151.4	175.8	204.7	231.0	259.0	290.5	325.8	370.5	425.1
-25°	95.6	123.8	149.3	173.9	200.5	227.4	253.5	283.5	315.9	358.9	408.0
-27.5°	93.5	120.9	146.3	171.3	196.0	222.5	248.0	276.3	308.5	346.3	390.3
-30°	90.4	116.8	142.3	167.8	192.1	217.0	241.6	268.6	298.9	334.6	375.2
-32.5°	86.5	112.3	137.2	162.4	187.7	211.5	234.6	260.6	289.0	320.3	358.9
-35°	82.6	107.4	131.7	155.7	182.4	205.4	227.6	251.4	277.9	307.0	338.4
-37.5°	78.9	102.1	125.8	148.5	173.8	197.7	219.4	241.9	266.4	293.1	321.7
-40°	74.9	96.5	119.6	141.7	163.9	188.3	210.0	231.7	254.3	281.1	306.6
-42.5°	70.7	91.8	113.2	134.8	156.0	177.8	199.4	220.3	244.1	269.5	294.5
-45°	67.2	86.8	106.7	127.7	148.6	168.3	188.6	208.1	232.3	257.7	282.1
-47.5°	63.2	81.7	101.0	120.0	140.5	160.2	178.5	198.2	218.8	242.7	268.3
-50°	59.0	76.6	94.3	112.3	131.7	151.4	169.9	188.1	207.5	227.2	249.3
-52.5°	55.5	70.8	87.2	103.7	122.1	141.4	160.1	178.3	196.1	214.6	233.5
-55°	51.2	65.3	79.8	95.2	111.3	129.7	148.3	166.1	184.3	201.6	220.0
-57.5°	46.6	59.2	72.4	86.8	101.4	116.6	134.6	152.3	169.4	186.9	205.9
-60°	41.2	52.5	64.5	77.8	92.1	105.9	120.5	136.9	153.5	170.1	187.6
-62.5°	35.8	45.5	56.3	68.0	81.1	94.7	108.0	122.0	136.9	151.3	166.5
-65°	32.1	39.0	48.1	58.4	69.2	81.3	93.9	106.8	119.9	132.2	143.9
-67.5°	28.1	34.4	41.1	48.7	58.5	68.7	78.8	90.4	102.1	113.4	124.3
-70°	24.0	29.5	35.5	41.8	48.8	57.1	66.6	75.8	84.9	94.3	104.5
-72.5°	19.7	24.5	29.6	35.2	41.1	47.7	54.9	62.8	70.9	78.7	86.6
-75°	16.1	19.3	23.5	28.2	33.3	38.6	43.8	50.0	56.8	63.7	70.4
-77.5°	13.3	16.2	19.1	22.0	25.6	30.4	35.1	39.7	44.5	49.6	55.1
-80°	10.8	13.1	15.7	18.3	20.9	23.7	27.0	30.6	34.0	37.4	41.2
-82.5°	9.0	10.7	12.6	14.7	16.1	17.7	19.4	21.6	23.8	26.1	28.4
-85°	6.9	8.3	9.6	10.9	11.6	12.4	13.2	14.2	15.6	17.0	18.4
-87.5°	3.5	4.2	4.9	5.7	6.1	6.4	6.8	7.1	8.0	9.0	9.9
-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: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-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°	0.2	0.0	0.0	0.0	0.0	0.6	0.8	0.7	0.3	0.0	0.0
62.5°	2.0	1.6	2.6	3.4	3.8	3.7	3.4	3.0	2.6	2.4	2.7
60°	8.0	7.9	11.0	12.4	11.3	8.0	12.6	14.8	14.3	12.2	12.1
57.5°	19.6	23.8	26.9	28.2	32.6	39.8	41.1	38.8	37.9	38.7	44.8
55°	34.0	37.4	39.2	45.2	50.6	54.5	56.8	59.1	62.5	66.7	71.1
52.5°	48.1	52.8	56.4	61.8	68.2	70.5	69.8	78.1	84.6	88.7	90.4
50°	66.0	71.9	80.2	88.7	92.4	96.0	99.8	106.5	116.4	128.8	135.8
47.5°	85.4	94.6	103.3	113.0	117.9	121.7	127.4	139.2	153.3	166.6	173.5
45°	102.8	111.0	120.9	129.3	135.4	142.8	151.0	161.7	177.4	191.3	200.9
42.5°	116.8	126.0	136.3	146.4	152.6	162.5	175.0	189.5	206.0	220.5	231.1
40°	136.4	144.2	160.6	170.2	172.6	181.9	206.9	226.8	245.4	263.2	272.0
37.5°	160.1	175.3	192.3	201.1	209.6	226.0	259.5	291.6	315.4	339.4	352.5
35°	187.0	207.0	230.2	240.5	258.9	294.7	334.1	378.7	434.2	457.5	478.7
32.5°	213.1	235.5	256.9	280.1	312.4	355.2	399.4	471.8	539.5	591.8	630.0
30°	236.3	260.1	286.6	316.4	361.9	420.9	494.8	588.5	683.8	767.0	837.3
27.5°	259.2	286.3	317.8	362.3	426.3	506.4	624.5	758.1	917.2	1034.3	1174.3
25°	284.4	315.3	355.7	420.3	506.7	626.4	815.1	1032.1	1292.9	1504.4	1725.7
22.5°	314.2	359.8	411.0	483.0	633.9	831.2	1089.0	1459.8	1861.0	2232.0	2589.2
20°	350.1	412.5	494.7	627.3	821.1	1112.6	1560.6	2152.4	2742.4	3370.8	3975.7
17.5°	401.4	491.3	619.1	807.8	1063.2	1639.8	2366.7	3282.1	4458.2	5523.9	6454.4
15°	449.5	556.9	758.7	1040.8	1486.2	2250.5	3354.6	4865.5	6698.3	8368.6	10132.9
12.5°	500.0	626.8	858.6	1217.8	1836.7	2831.6	4383.3	6453.5	8748.5	11265.9	14133.4
10°	540.0	694.0	971.5	1426.8	2189.8	3428.8	5277.0	7787.7	10837.4	14563.0	19146.9
7.5°	567.0	747.9	1064.7	1579.9	2514.9	4039.5	6264.5	9282.2	13094.8	18030.5	24444.5
5°	588.1	789.0	1134.9	1719.5	2789.9	4505.7	6996.1	10590.9	15101.0	21714.0	32583.9
2.5°	605.0	820.5	1178.3	1815.6	2962.5	4830.4	7486.9	11331.3	16295.3	24437.3	38539.6
0°	618.3	848.9	1206.5	1874.9	3094.8	4862.8	7640.1	11466.8	16723.9	24928.8	39821.3
-2.5°	624.0	864.1	1216.2	1887.9	3081.6	4918.5	7686.8	11575.0	16707.8	24659.5	38389.8
-5°	633.4	863.9	1208.9	1874.7	3012.5	4774.4	7381.5	10969.4	15699.9	22538.6	33787.6
-7.5°	640.1	850.1	1173.9	1789.7	2831.6	4462.9	6845.1	9965.9	13865.3	19057.8	26024.7
-10°	633.9	823.7	1115.6	1647.2	2550.4	3963.2	6029.4	8641.3	11882.0	15730.1	20463.6
-12.5°	610.1	774.9	1020.4	1447.6	2186.3	3403.5	5208.8	7432.6	9831.2	12533.7	15804.6
-15°	579.9	722.2	934.6	1310.7	1916.3	2848.6	4166.7	5970.7	7894.9	9946.8	12134.8
-17.5°	556.4	676.0	851.8	1124.2	1569.6	2310.9	3346.6	4628.2	6042.2	7604.5	8901.1
-20°	524.6	619.1	766.7	989.1	1329.0	1820.1	2574.5	3505.5	4438.6	5537.0	6432.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	492.8	575.1	687.4	850.1	1103.0	1474.1	1940.2	2561.8	3244.1	3874.7	4495.3
-25°	463.2	526.6	617.4	751.0	922.5	1175.7	1507.5	1864.1	2313.8	2697.7	3123.6
-27.5°	439.3	493.8	560.7	658.7	791.8	954.6	1192.2	1431.1	1667.7	1861.3	2154.6
-30°	416.2	460.0	516.1	585.8	685.7	811.2	965.4	1120.4	1256.9	1381.4	1534.1
-32.5°	393.5	429.2	472.2	530.1	601.7	696.0	790.8	901.9	996.8	1084.4	1165.4
-35°	370.7	402.5	435.2	484.1	541.2	608.2	677.1	752.4	818.0	877.0	929.2
-37.5°	350.2	378.1	408.9	445.3	491.3	541.7	598.0	652.7	696.1	734.3	766.0
-40°	332.9	358.3	384.6	413.7	448.8	488.6	536.4	581.9	612.3	635.7	654.9
-42.5°	317.4	339.8	362.2	386.9	413.8	448.3	486.0	523.6	544.2	562.3	576.2
-45°	305.0	322.1	341.0	362.1	385.9	414.8	444.4	470.4	488.8	504.3	515.9
-47.5°	288.6	305.1	321.5	338.9	361.1	385.1	409.6	429.6	445.6	459.2	468.1
-50°	270.5	287.9	302.9	318.2	338.6	359.0	378.7	395.2	410.5	423.8	430.8
-52.5°	251.8	270.4	286.2	301.1	318.2	336.0	353.9	368.0	381.3	393.8	399.1
-55°	238.3	255.5	271.8	285.8	299.9	314.2	328.7	343.4	356.6	368.5	372.0
-57.5°	223.7	241.2	257.3	269.9	282.7	295.5	308.8	322.1	334.8	346.2	349.1
-60°	205.9	224.9	239.2	251.1	263.5	276.2	287.8	299.6	311.5	321.4	324.6
-62.5°	183.4	200.7	214.7	227.3	239.3	250.3	261.6	272.6	283.3	291.1	293.7
-65°	156.3	171.0	185.5	198.7	210.5	221.1	231.5	241.6	251.3	258.2	261.6
-67.5°	134.9	145.5	157.2	168.5	180.4	191.3	200.7	209.6	217.9	223.7	227.4
-70°	114.3	124.4	135.3	146.1	156.4	165.3	172.8	180.1	187.2	192.4	196.3
-72.5°	94.7	103.2	112.3	121.8	131.2	139.3	146.2	152.7	158.8	163.2	166.8
-75°	76.9	83.9	91.6	99.3	106.9	113.3	119.1	124.7	130.1	134.0	137.3
-77.5°	61.0	67.0	73.0	79.0	85.0	89.6	93.8	98.0	102.0	105.1	107.9
-80°	45.2	49.9	54.7	59.5	64.2	67.8	71.0	74.0	76.8	78.7	80.3
-82.5°	30.9	34.1	37.5	40.9	44.3	46.9	49.4	51.9	54.3	55.2	55.8
-85°	19.7	21.4	23.1	25.0	26.9	28.4	29.7	31.0	32.2	33.4	34.5
-87.5°	11.0	11.3	11.6	11.9	12.1	13.1	14.1	15.1	16.1	16.3	16.4
-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: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-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	0.3	0.7
62.5°	3.0	3.2	3.3	3.3	3.3	3.2	3.0	2.7	2.4	2.6	3.0
60°	11.4	10.2	9.9	10.0	9.9	10.2	11.4	12.1	12.2	14.3	14.8
57.5°	50.8	56.6	58.1	56.8	58.1	56.6	50.8	44.8	38.7	37.9	38.8
55°	74.0	75.8	76.6	76.9	76.6	75.8	74.0	71.1	66.7	62.5	59.1
52.5°	90.7	90.1	90.0	90.2	90.0	90.1	90.7	90.4	88.7	84.6	78.1
50°	136.4	133.9	132.9	133.7	132.9	133.9	136.4	135.8	128.8	116.4	106.5
47.5°	174.3	175.1	176.2	177.1	176.2	175.1	174.3	173.5	166.6	153.3	139.2
45°	203.6	205.3	206.5	207.2	206.5	205.3	203.6	200.9	191.3	177.4	161.7
42.5°	233.4	233.6	233.3	233.9	233.3	233.6	233.4	231.1	220.5	206.0	189.5
40°	275.6	276.5	275.6	274.1	275.6	276.5	275.6	272.0	263.2	245.4	226.8
37.5°	360.2	361.4	357.4	354.3	357.4	361.4	360.2	352.5	339.4	315.4	291.6
35°	498.1	512.4	519.2	521.4	519.2	512.4	498.1	478.7	457.5	434.2	378.7
32.5°	656.5	676.3	686.3	695.2	686.3	676.3	656.5	630.0	591.8	539.5	471.8
30°	883.4	920.1	936.2	959.2	936.2	920.1	883.4	837.3	767.0	683.8	588.5
27.5°	1253.7	1318.2	1353.9	1387.0	1353.9	1318.2	1253.7	1174.3	1034.3	917.2	758.1
25°	1886.5	2010.7	2091.0	2128.9	2091.0	2010.7	1886.5	1725.7	1504.4	1292.9	1032.1
22.5°	2934.8	3163.7	3340.2	3375.5	3340.2	3163.7	2934.8	2589.2	2232.0	1861.0	1459.8
20°	4562.6	4890.1	5156.4	5290.6	5156.4	4890.1	4562.6	3975.7	3370.8	2742.4	2152.4
17.5°	7562.7	8243.7	8554.8	8605.9	8554.8	8243.7	7562.7	6454.4	5523.9	4458.2	3282.1
15°	12025.9	13178.4	13910.0	14381.1	13910.0	13178.4	12025.9	10132.9	8368.6	6698.3	4865.5
12.5°	17118.2	20393.1	22256.5	22967.0	22256.5	20393.1	17118.2	14133.4	11265.9	8748.5	6453.5
10°	24029.7	31739.2	36186.4	38424.3	36186.4	31739.2	24029.7	19146.9	14563.0	10837.4	7787.7
7.5°	35760.1	47667.6	60860.6	66964.2	60860.6	47667.6	35760.1	24444.5	18030.5	13094.8	9282.2
5°	48091.7	74235.6	97182.4	108170.8	97182.4	74235.6	48091.7	32583.9	21714.0	15101.0	10590.9
2.5°	62264.8	97522.4	130120.8	143827.8	130120.8	97522.4	62264.8	38539.6	24437.3	16295.3	11331.3
0°	67719.5	108789.1	144441.0	157894.7	144441.0	108789.1	67719.5	39821.3	24928.8	16723.9	11466.8
-2.5°	63108.1	99230.5	130680.9	146053.6	130680.9	99230.5	63108.1	38389.8	24659.5	16707.8	11575.0
-5°	50142.6	74644.8	97936.8	110463.5	97936.8	74644.8	50142.6	33787.6	22538.6	15699.9	10969.4
-7.5°	36801.6	50140.3	63075.8	67599.2	63075.8	50140.3	36801.6	26024.7	19057.8	13865.3	9965.9
-10°	25622.0	33260.2	38302.2	39741.0	38302.2	33260.2	25622.0	20463.6	15730.1	11882.0	8641.3
-12.5°	18996.1	22337.0	24661.6	25065.8	24661.6	22337.0	18996.1	15804.6	12533.7	9831.2	7432.6
-15°	14066.2	15765.1	16964.0	17044.8	16964.0	15765.1	14066.2	12134.8	9946.8	7894.9	5970.7
-17.5°	10282.4	11422.9	12027.9	11984.8	12027.9	11422.9	10282.4	8901.1	7604.5	6042.2	4628.2
-20°	7352.5	8040.0	8527.5	8432.1	8527.5	8040.0	7352.5	6432.7	5537.0	4438.6	3505.5

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

Scaled Data Report



REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	5126.7	5583.1	5868.7	5795.2	5868.7	5583.1	5126.7	4495.3	3874.7	3244.1	2561.8
-25°	3483.5	3732.1	3873.6	3850.1	3873.6	3732.1	3483.5	3123.6	2697.7	2313.8	1864.1
-27.5°	2373.8	2505.1	2549.0	2546.7	2549.0	2505.1	2373.8	2154.6	1861.3	1667.7	1431.1
-30°	1647.6	1735.9	1786.3	1754.6	1786.3	1735.9	1647.6	1534.1	1381.4	1256.9	1120.4
-32.5°	1228.0	1277.8	1306.6	1276.7	1306.6	1277.8	1228.0	1165.4	1084.4	996.8	901.9
-35°	967.8	993.0	1003.1	985.9	1003.1	993.0	967.8	929.2	877.0	818.0	752.4
-37.5°	789.0	803.8	808.8	798.8	808.8	803.8	789.0	766.0	734.3	696.1	652.7
-40°	668.6	677.6	679.8	671.8	679.8	677.6	668.6	654.9	635.7	612.3	581.9
-42.5°	585.0	590.4	591.6	588.2	591.6	590.4	585.0	576.2	562.3	544.2	523.6
-45°	522.8	527.4	528.3	524.7	528.3	527.4	522.8	515.9	504.3	488.8	470.4
-47.5°	472.5	475.3	476.0	474.6	476.0	475.3	472.5	468.1	459.2	445.6	429.6
-50°	433.9	435.9	436.1	434.5	436.1	435.9	433.9	430.8	423.8	410.5	395.2
-52.5°	401.6	403.0	404.0	404.4	404.0	403.0	401.6	399.1	393.8	381.3	368.0
-55°	374.5	376.3	377.3	377.7	377.3	376.3	374.5	372.0	368.5	356.6	343.4
-57.5°	351.4	353.0	354.0	354.3	354.0	353.0	351.4	349.1	346.2	334.8	322.1
-60°	327.3	329.2	330.5	330.9	330.5	329.2	327.3	324.6	321.4	311.5	299.6
-62.5°	295.4	296.2	297.1	297.4	297.1	296.2	295.4	293.7	291.1	283.3	272.6
-65°	264.2	266.0	267.1	267.4	267.1	266.0	264.2	261.6	258.2	251.3	241.6
-67.5°	230.4	232.7	235.2	237.3	235.2	232.7	230.4	227.4	223.7	217.9	209.6
-70°	199.8	202.7	203.7	203.9	203.7	202.7	199.8	196.3	192.4	187.2	180.1
-72.5°	170.0	172.8	175.2	177.1	175.2	172.8	170.0	166.8	163.2	158.8	152.7
-75°	140.3	142.9	143.5	143.7	143.5	142.9	140.3	137.3	134.0	130.1	124.7
-77.5°	110.5	112.9	113.5	113.6	113.5	112.9	110.5	107.9	105.1	102.0	98.0
-80°	81.8	83.2	85.1	86.9	85.1	83.2	81.8	80.3	78.7	76.8	74.0
-82.5°	56.3	56.6	56.7	56.8	56.7	56.6	56.3	55.8	55.2	54.3	51.9
-85°	35.6	36.6	36.8	36.8	36.8	36.6	35.6	34.5	33.4	32.2	31.0
-87.5°	16.6	16.6	16.7	16.7	16.7	16.6	16.6	16.4	16.3	16.1	15.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-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	0.2
65°	0.8	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.9
62.5°	3.4	3.7	3.8	3.4	2.6	1.6	2.0	2.3	1.6	0.3	1.1
60°	12.6	8.0	11.3	12.4	11.0	7.9	8.0	7.5	6.2	4.9	3.2
57.5°	41.1	39.8	32.6	28.2	26.9	23.8	19.6	15.6	13.8	11.1	7.8
55°	56.8	54.5	50.6	45.2	39.2	37.4	34.0	29.2	24.5	19.0	15.4
52.5°	69.8	70.5	68.2	61.8	56.4	52.8	48.1	43.5	37.8	32.4	25.3
50°	99.8	96.0	92.4	88.7	80.2	71.9	66.0	59.7	51.6	45.5	39.5
47.5°	127.4	121.7	117.9	113.0	103.3	94.6	85.4	76.5	66.3	56.8	50.9
45°	151.0	142.8	135.4	129.3	120.9	111.0	102.8	92.9	81.3	70.3	60.0
42.5°	175.0	162.5	152.6	146.4	136.3	126.0	116.8	109.2	96.6	83.7	73.4
40°	206.9	181.9	172.6	170.2	160.6	144.2	136.4	128.0	114.7	97.9	87.6
37.5°	259.5	226.0	209.6	201.1	192.3	175.3	160.1	149.1	137.1	118.2	103.6
35°	334.1	294.7	258.9	240.5	230.2	207.0	187.0	171.9	157.5	139.6	120.7
32.5°	399.4	355.2	312.4	280.1	256.9	235.5	213.1	194.5	175.7	157.4	138.7
30°	494.8	420.9	361.9	316.4	286.6	260.1	236.3	213.8	192.6	173.3	154.5
27.5°	624.5	506.4	426.3	362.3	317.8	286.3	259.2	232.9	208.7	187.9	168.7
25°	815.1	626.4	506.7	420.3	355.7	315.3	284.4	254.0	225.7	202.0	185.7
22.5°	1089.0	831.2	633.9	483.0	411.0	359.8	314.2	275.9	243.8	222.6	203.3
20°	1560.6	1112.6	821.1	627.3	494.7	412.5	350.1	305.1	272.3	245.1	221.2
17.5°	2366.7	1639.8	1063.2	807.8	619.1	491.3	401.4	341.7	300.4	267.7	239.1
15°	3354.6	2250.5	1486.2	1040.8	758.7	556.9	449.5	377.9	329.1	291.4	257.2
12.5°	4383.3	2831.6	1836.7	1217.8	858.6	626.8	500.0	419.2	357.8	308.5	269.2
10°	5277.0	3428.8	2189.8	1426.8	971.5	694.0	540.0	445.3	374.9	320.8	279.3
7.5°	6264.5	4039.5	2514.9	1579.9	1064.7	747.9	567.0	462.8	389.1	331.1	287.6
5°	6996.1	4505.7	2789.9	1719.5	1134.9	789.0	588.1	475.3	400.2	339.3	294.2
2.5°	7486.9	4830.4	2962.5	1815.6	1178.3	820.5	605.0	487.0	408.8	347.7	301.6
0°	7640.1	4862.8	3094.8	1874.9	1206.5	848.9	618.3	498.0	414.4	354.3	307.5
-2.5°	7686.8	4918.5	3081.6	1887.9	1216.2	864.1	624.0	500.0	418.7	356.7	308.3
-5°	7381.5	4774.4	3012.5	1874.7	1208.9	863.9	633.4	503.7	421.2	357.6	307.6
-7.5°	6845.1	4462.9	2831.6	1789.7	1173.9	850.1	640.1	508.4	423.5	360.2	310.0
-10°	6029.4	3963.2	2550.4	1647.2	1115.6	823.7	633.9	505.8	422.0	359.8	310.5
-12.5°	5208.8	3403.5	2186.3	1447.6	1020.4	774.9	610.1	495.4	416.8	356.1	309.1
-15°	4166.7	2848.6	1916.3	1310.7	934.6	722.2	579.9	479.2	407.9	349.5	305.5
-17.5°	3346.6	2310.9	1569.6	1124.2	851.8	676.0	556.4	466.1	397.3	342.8	300.8
-20°	2574.5	1820.1	1329.0	989.1	766.7	619.1	524.6	446.7	385.2	335.8	296.3



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1121 Highway 74 South  
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Scaled Data Report



REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	1940.2	1474.1	1103.0	850.1	687.4	575.1	492.8	425.1	370.5	325.8	290.5
-25°	1507.5	1175.7	922.5	751.0	617.4	526.6	463.2	408.0	358.9	315.9	283.5
-27.5°	1192.2	954.6	791.8	658.7	560.7	493.8	439.3	390.3	346.3	308.5	276.3
-30°	965.4	811.2	685.7	585.8	516.1	460.0	416.2	375.2	334.6	298.9	268.6
-32.5°	790.8	696.0	601.7	530.1	472.2	429.2	393.5	358.9	320.3	289.0	260.6
-35°	677.1	608.2	541.2	484.1	435.2	402.5	370.7	338.4	307.0	277.9	251.4
-37.5°	598.0	541.7	491.3	445.3	408.9	378.1	350.2	321.7	293.1	266.4	241.9
-40°	536.4	488.6	448.8	413.7	384.6	358.3	332.9	306.6	281.1	254.3	231.7
-42.5°	486.0	448.3	413.8	386.9	362.2	339.8	317.4	294.5	269.5	244.1	220.3
-45°	444.4	414.8	385.9	362.1	341.0	322.1	305.0	282.1	257.7	232.3	208.1
-47.5°	409.6	385.1	361.1	338.9	321.5	305.1	288.6	268.3	242.7	218.8	198.2
-50°	378.7	359.0	338.6	318.2	302.9	287.9	270.5	249.3	227.2	207.5	188.1
-52.5°	353.9	336.0	318.2	301.1	286.2	270.4	251.8	233.5	214.6	196.1	178.3
-55°	328.7	314.2	299.9	285.8	271.8	255.5	238.3	220.0	201.6	184.3	166.1
-57.5°	308.8	295.5	282.7	269.9	257.3	241.2	223.7	205.9	186.9	169.4	152.3
-60°	287.8	276.2	263.5	251.1	239.2	224.9	205.9	187.6	170.1	153.5	136.9
-62.5°	261.6	250.3	239.3	227.3	214.7	200.7	183.4	166.5	151.3	136.9	122.0
-65°	231.5	221.1	210.5	198.7	185.5	171.0	156.3	143.9	132.2	119.9	106.8
-67.5°	200.7	191.3	180.4	168.5	157.2	145.5	134.9	124.3	113.4	102.1	90.4
-70°	172.8	165.3	156.4	146.1	135.3	124.4	114.3	104.5	94.3	84.9	75.8
-72.5°	146.2	139.3	131.2	121.8	112.3	103.2	94.7	86.6	78.7	70.9	62.8
-75°	119.1	113.3	106.9	99.3	91.6	83.9	76.9	70.4	63.7	56.8	50.0
-77.5°	93.8	89.6	85.0	79.0	73.0	67.0	61.0	55.1	49.6	44.5	39.7
-80°	71.0	67.8	64.2	59.5	54.7	49.9	45.2	41.2	37.4	34.0	30.6
-82.5°	49.4	46.9	44.3	40.9	37.5	34.1	30.9	28.4	26.1	23.8	21.6
-85°	29.7	28.4	26.9	25.0	23.1	21.4	19.7	18.4	17.0	15.6	14.2
-87.5°	14.1	13.1	12.1	11.9	11.6	11.3	11.0	9.9	9.0	8.0	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-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	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.7	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.2	1.4	1.0
67.5°	0.0	0.0	0.0	0.7	1.1	0.9	0.2	0.6	1.3	2.1	1.9
65°	1.1	0.8	0.1	0.9	1.6	2.1	1.6	1.0	1.5	2.2	2.7
62.5°	1.9	2.5	1.9	1.4	1.8	2.6	3.1	2.1	1.7	2.3	3.1
60°	2.2	3.0	3.3	2.6	2.3	2.8	3.3	3.0	2.4	2.5	3.2
57.5°	5.9	3.8	3.8	3.6	3.0	3.1	3.3	3.3	2.9	2.8	3.3
55°	10.9	8.0	5.6	4.5	3.8	3.3	3.4	3.3	3.3	3.0	3.3
52.5°	19.0	13.8	10.1	6.8	5.1	3.7	3.8	3.3	3.3	3.2	3.3
50°	30.3	21.7	15.9	11.5	7.1	5.6	4.3	3.9	3.3	3.3	3.3
47.5°	44.2	32.5	23.3	16.8	11.8	7.6	5.9	4.6	3.3	3.3	3.3
45°	54.6	45.3	32.4	23.5	16.5	11.4	8.0	5.5	4.1	3.4	3.3
42.5°	64.8	56.4	44.1	30.0	22.7	15.7	10.3	7.4	5.1	3.6	3.4
40°	77.8	67.3	55.3	41.0	29.5	19.9	13.9	9.5	6.1	4.2	3.7
37.5°	91.2	79.5	66.4	51.5	37.2	26.4	17.6	11.8	7.7	5.4	4.0
35°	106.2	92.1	77.3	61.5	46.3	33.1	21.2	14.4	9.9	6.7	4.4
32.5°	121.4	104.3	87.5	71.3	54.9	40.0	26.3	17.9	11.9	8.0	4.9
30°	136.1	116.3	96.9	80.6	63.0	47.3	32.6	21.6	13.9	9.3	5.6
27.5°	149.5	128.1	106.0	88.9	71.1	54.2	39.0	25.7	15.8	10.8	6.6
25°	163.5	140.1	116.4	96.3	78.8	61.1	44.9	30.0	18.6	12.4	7.7
22.5°	179.4	152.2	126.4	102.9	86.8	67.9	50.6	35.1	21.9	13.9	8.8
20°	196.5	164.2	136.5	112.4	94.4	74.8	56.2	39.8	25.3	15.3	9.9
17.5°	214.1	177.4	148.7	123.2	101.8	81.3	61.6	44.1	28.8	16.7	10.9
15°	226.0	190.6	159.7	133.3	109.3	87.3	66.6	48.0	32.1	17.9	12.0
12.5°	235.9	202.0	169.3	142.7	116.7	92.7	71.4	51.5	35.4	19.6	13.0
10°	244.7	211.6	177.7	151.3	123.8	97.7	75.7	54.6	38.5	21.8	13.9
7.5°	252.3	219.5	185.0	159.1	130.6	102.7	79.3	57.3	41.1	24.0	14.7
5°	258.6	226.2	191.0	164.1	136.9	108.0	82.4	59.7	43.4	26.1	15.5
2.5°	263.7	232.4	196.2	167.7	142.4	112.8	84.9	61.8	45.3	28.2	16.1
0°	267.4	237.3	200.5	170.4	147.1	117.0	86.9	63.5	46.8	30.1	16.7
-2.5°	269.8	238.1	205.1	173.6	149.9	120.5	91.0	65.7	48.0	31.8	17.7
-5°	270.9	238.0	208.6	176.0	151.9	123.2	94.4	67.4	49.0	33.3	18.6
-7.5°	272.3	239.1	210.4	177.9	153.2	125.4	97.0	68.7	49.8	34.5	19.4
-10°	272.9	240.2	210.9	180.3	154.3	126.9	98.7	69.6	50.3	35.3	20.2
-12.5°	272.1	240.1	210.8	181.6	154.9	127.9	99.5	70.9	50.8	35.9	20.8
-15°	270.0	238.7	210.3	181.8	154.8	128.2	99.8	72.1	51.8	36.0	21.3
-17.5°	266.6	235.9	209.5	180.7	154.2	128.0	99.5	72.6	52.3	35.8	21.8
-20°	263.3	233.4	208.4	178.2	153.0	127.3	98.7	72.5	52.3	35.2	22.3

Classified

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Scaled Data Report



REPORT NUMBER: P627148 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	259.0	231.0	204.7	175.8	151.4	126.2	97.3	71.7	51.7	34.4	22.5
-25°	253.5	227.4	200.5	173.9	149.3	123.8	95.6	70.1	50.5	33.4	22.6
-27.5°	248.0	222.5	196.0	171.3	146.3	120.9	93.5	68.6	48.8	32.1	22.6
-30°	241.6	217.0	192.1	167.8	142.3	116.8	90.4	66.3	47.0	31.4	22.3
-32.5°	234.6	211.5	187.7	162.4	137.2	112.3	86.5	63.2	44.9	31.0	22.1
-35°	227.6	205.4	182.4	155.7	131.7	107.4	82.6	59.1	42.5	30.3	21.8
-37.5°	219.4	197.7	173.8	148.5	125.8	102.1	78.9	56.8	39.8	29.5	21.3
-40°	210.0	188.3	163.9	141.7	119.6	96.5	74.9	54.8	38.1	28.4	20.8
-42.5°	199.4	177.8	156.0	134.8	113.2	91.8	70.7	52.2	37.4	27.5	20.2
-45°	188.6	168.3	148.6	127.7	106.7	86.8	67.2	49.3	36.2	26.6	19.6
-47.5°	178.5	160.2	140.5	120.0	101.0	81.7	63.2	47.4	34.7	25.7	19.0
-50°	169.9	151.4	131.7	112.3	94.3	76.6	59.0	45.0	33.4	24.8	18.1
-52.5°	160.1	141.4	122.1	103.7	87.2	70.8	55.5	42.1	31.5	23.5	17.1
-55°	148.3	129.7	111.3	95.2	79.8	65.3	51.2	39.0	29.2	22.1	16.0
-57.5°	134.6	116.6	101.4	86.8	72.4	59.2	46.6	35.4	27.0	20.5	14.7
-60°	120.5	105.9	92.1	77.8	64.5	52.5	41.2	31.7	24.9	18.7	13.3
-62.5°	108.0	94.7	81.1	68.0	56.3	45.5	35.8	28.8	22.5	16.8	11.7
-65°	93.9	81.3	69.2	58.4	48.1	39.0	32.1	25.7	19.9	14.7	10.3
-67.5°	78.8	68.7	58.5	48.7	41.1	34.4	28.1	22.4	17.2	12.5	9.5
-70°	66.6	57.1	48.8	41.8	35.5	29.5	24.0	18.9	14.3	11.2	8.6
-72.5°	54.9	47.7	41.1	35.2	29.6	24.5	19.7	15.5	12.4	9.8	7.6
-75°	43.8	38.6	33.3	28.2	23.5	19.3	16.1	13.1	10.5	8.3	6.6
-77.5°	35.1	30.4	25.6	22.0	19.1	16.2	13.3	10.5	8.7	7.2	5.7
-80°	27.0	23.7	20.9	18.3	15.7	13.1	10.8	8.8	7.5	6.1	4.7
-82.5°	19.4	17.7	16.1	14.7	12.6	10.7	9.0	7.5	6.3	5.0	3.7
-85°	13.2	12.4	11.6	10.9	9.6	8.3	6.9	5.6	4.5	3.4	2.5
-87.5°	6.8	6.4	6.1	5.7	4.9	4.2	3.5	2.8	2.2	1.7	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA3C-730-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	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.4	0.0	0.1	0.5	0.0
70°	0.4	0.7	0.7	0.1	0.1	0.6	0.0
67.5°	1.2	1.0	1.0	0.4	0.2	0.7	0.0
65°	1.9	1.4	1.3	0.7	0.3	0.8	0.0
62.5°	2.6	1.9	1.7	1.1	0.3	0.8	0.0
60°	3.2	2.3	2.1	1.4	0.4	0.9	0.0
57.5°	3.3	2.7	2.3	1.7	0.7	1.0	0.0
55°	3.3	3.0	2.5	2.1	1.0	1.1	0.0
52.5°	3.3	3.3	2.7	2.5	1.2	1.2	0.0
50°	3.3	3.3	2.9	2.8	1.5	1.3	0.0
47.5°	3.3	3.3	3.1	3.1	1.7	1.4	0.0
45°	3.3	3.3	3.2	3.2	1.9	1.5	0.0
42.5°	3.3	3.3	3.3	3.3	2.1	1.6	0.0
40°	3.3	3.3	3.3	3.3	2.3	1.7	0.0
37.5°	3.3	3.3	3.3	3.3	2.5	1.8	0.0
35°	3.3	3.3	3.3	3.3	2.6	1.9	0.0
32.5°	3.4	3.3	3.3	3.3	2.7	2.0	0.0
30°	3.8	3.3	3.3	3.3	2.9	2.1	0.0
27.5°	4.1	3.3	3.3	3.3	3.0	2.3	0.0
25°	4.5	3.3	3.3	3.3	3.0	2.4	0.0
22.5°	5.0	3.4	3.3	3.3	3.1	2.5	0.0
20°	5.4	3.6	3.3	3.3	3.2	2.6	0.0
17.5°	6.0	3.9	3.3	3.3	3.2	2.7	0.0
15°	6.7	4.3	3.3	3.3	3.2	2.8	0.0
12.5°	7.3	4.6	3.3	3.3	3.3	2.9	0.0
10°	7.9	5.1	3.3	3.3	3.3	3.0	0.0
7.5°	8.5	5.5	3.3	3.3	3.3	3.1	0.0
5°	9.0	5.9	3.3	3.3	3.3	3.1	0.0
2.5°	9.5	6.3	3.3	3.3	3.3	3.2	0.0
0°	10.0	6.7	3.3	3.3	3.3	3.3	0.0
-2.5°	10.9	7.0	3.6	3.3	3.3	3.3	0.0
-5°	11.7	7.4	3.9	3.3	3.3	3.3	0.0
-7.5°	12.4	7.6	4.2	3.3	3.3	3.3	0.0
-10°	13.1	7.9	4.4	3.3	3.3	3.2	0.0
-12.5°	13.6	8.1	4.6	3.3	3.3	3.2	0.0
-15°	14.1	8.3	4.8	3.3	3.3	3.2	0.0
-17.5°	14.3	8.4	5.0	3.3	3.3	3.1	0.0
-20°	14.5	8.5	5.1	3.3	3.3	3.1	0.0

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CATALOG NUMBER: GFLD-SA3C-730-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.7	8.6	5.1	3.3	3.3	3.0	0.0
-25°	14.8	8.8	5.1	3.3	3.3	3.0	0.0
-27.5°	14.8	9.1	5.0	3.3	3.3	2.9	0.0
-30°	14.7	9.2	4.9	3.3	3.3	2.9	0.0
-32.5°	14.6	9.3	4.9	3.3	3.3	2.8	0.0
-35°	14.5	9.3	4.8	3.3	3.3	2.7	0.0
-37.5°	14.5	9.2	4.7	3.3	3.3	2.6	0.0
-40°	14.3	9.0	4.5	3.3	3.3	2.5	0.0
-42.5°	14.0	8.7	4.5	3.3	3.3	2.4	0.0
-45°	13.6	8.4	4.6	3.4	3.3	2.3	0.0
-47.5°	13.0	7.9	4.7	3.5	3.3	2.2	0.0
-50°	12.4	7.4	4.7	3.5	3.3	2.1	0.0
-52.5°	11.6	6.8	4.7	3.6	3.3	2.0	0.0
-55°	10.7	6.6	4.7	3.6	3.3	1.9	0.0
-57.5°	9.7	6.4	4.6	3.6	3.3	1.8	0.0
-60°	8.6	6.2	4.5	3.6	3.3	1.6	0.0
-62.5°	8.2	6.0	4.4	3.5	3.0	1.5	0.0
-65°	7.7	5.7	4.2	3.5	2.8	1.4	0.0
-67.5°	7.1	5.3	4.1	3.4	2.5	1.3	0.0
-70°	6.5	4.9	3.8	3.3	2.3	1.1	0.0
-72.5°	5.8	4.5	3.6	3.0	2.0	1.0	0.0
-75°	5.0	4.0	3.3	2.6	1.7	0.9	0.0
-77.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)