

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: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627208 (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-SA3D-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: -

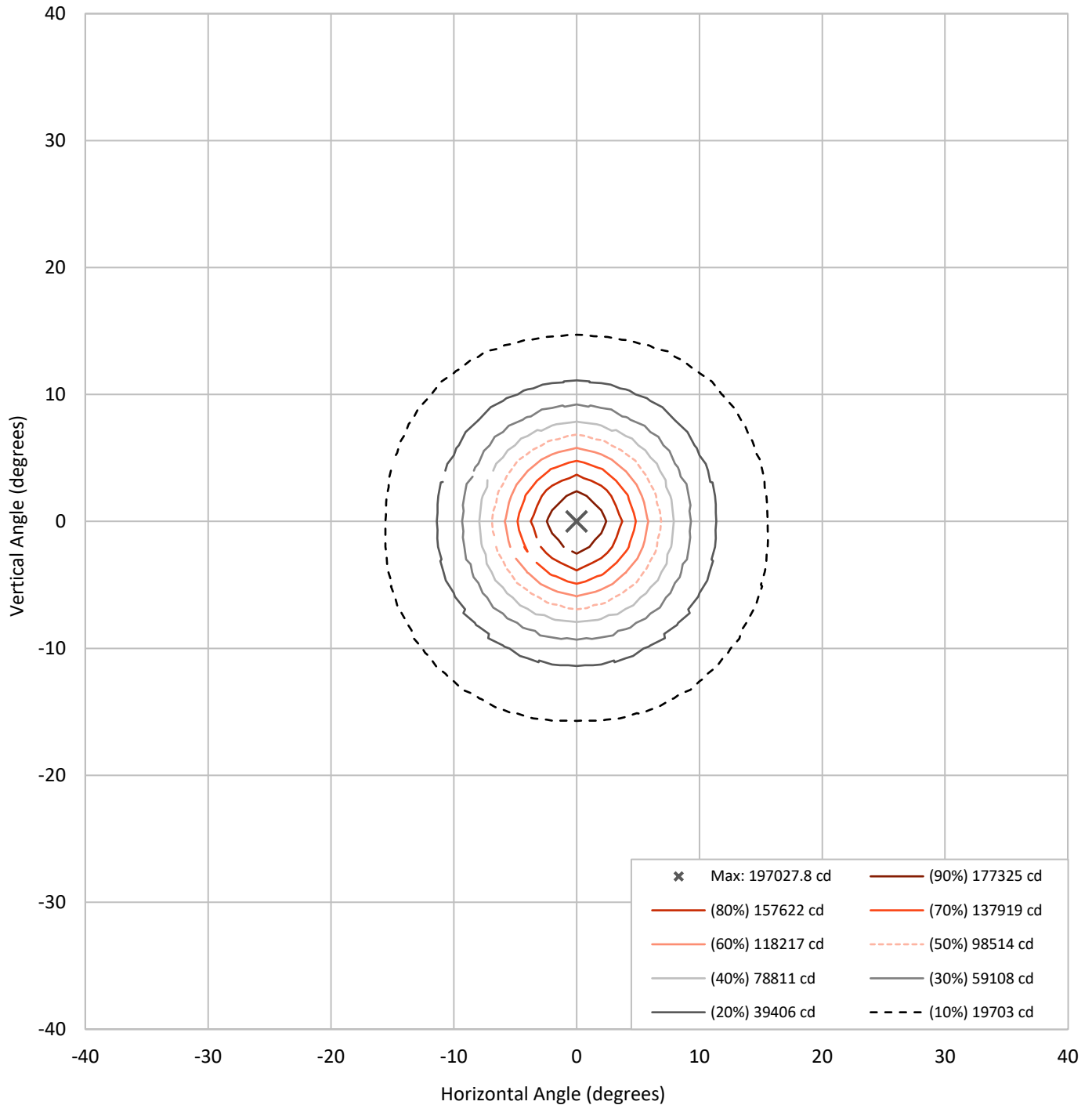
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19437.2 lumens	Max Intensity:	197027.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.3 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:	6205.2 lumens	Field Lumens:	13821.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	160.2		
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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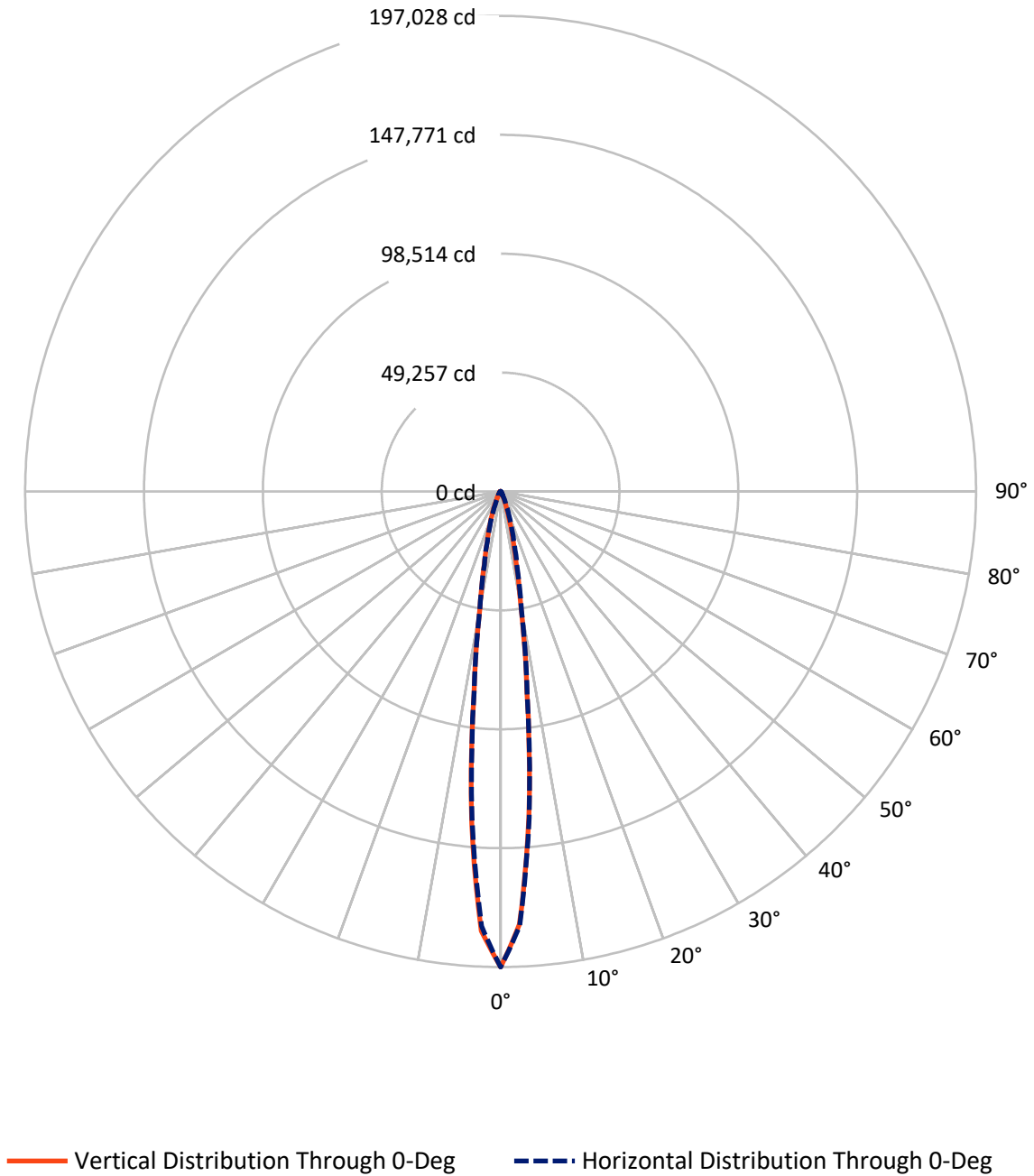
### Lumen Table

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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1			
60		0.1	0.1	0.5	1.1	1.7	2.3	2.8	2.8	2.3	1.7	1.1	0.5	0.1	0.1				
50	0.1	0.1	0.6	1.7	3.2	4.7	6.6	7.7	7.7	6.6	4.7	3.2	1.7	0.6	0.1	0.1			
40		0.3	1.4	3.3	5.9	9.3	15.8	20.1	20.1	15.8	9.3	5.9	3.3	1.4	0.3				
30	0.2	0.5	2.2	5.0	9.1	19.8	52.8	87.4	87.4	52.8	19.8	9.1	5.0	2.2	0.5	0.2			
20		0.8	3.0	6.9	15.0	59.1	249.2	547.7	547.7	249.2	59.1	15.0	6.9	3.0	0.8				
10	0.3	1.0	3.6	8.1	20.4	110.9	597.0	2677.6	2677.6	597.0	110.9	20.4	8.1	3.6	1.0	0.3			
0		1.2	3.9	8.6	21.9	118.2	618.0	2723.1	2723.1	618.0	118.2	21.9	8.6	3.9	1.2				
-10	0.4	1.3	4.0	8.4	19.2	75.2	300.0	641.6	641.6	300.0	75.2	19.2	8.4	4.0	1.3	0.4			
-20		1.2	3.8	7.7	14.9	35.2	92.4	154.1	154.1	92.4	35.2	14.9	7.7	3.8	1.2				
-30	0.3	1.1	3.4	6.8	11.6	19.3	31.4	39.9	39.9	31.4	19.3	11.6	6.8	3.4	1.1	0.3			
-40		0.9	2.8	5.7	9.4	13.5	18.1	20.2	20.2	18.1	13.5	9.4	5.7	2.8	0.9				
-50	0.2	0.7	2.1	4.5	7.4	10.4	13.1	14.3	14.3	13.1	10.4	7.4	4.5	2.1	0.7	0.2			
-60		0.4	1.3	2.9	5.0	7.2	9.1	10.0	10.0	9.1	7.2	5.0	2.9	1.3	0.4				
-70	0.1	0.4	1.3	2.9	5.0	7.2	9.1	10.0	10.0	9.1	7.2	5.0	2.9	1.3	0.4	0.1			
-80		0.1	1.2	4.9	10.7	13.6	10.7	4.9	1.2	0.1									
-90	0.1	1.2	4.9	10.7	13.6	10.7	4.9	1.2	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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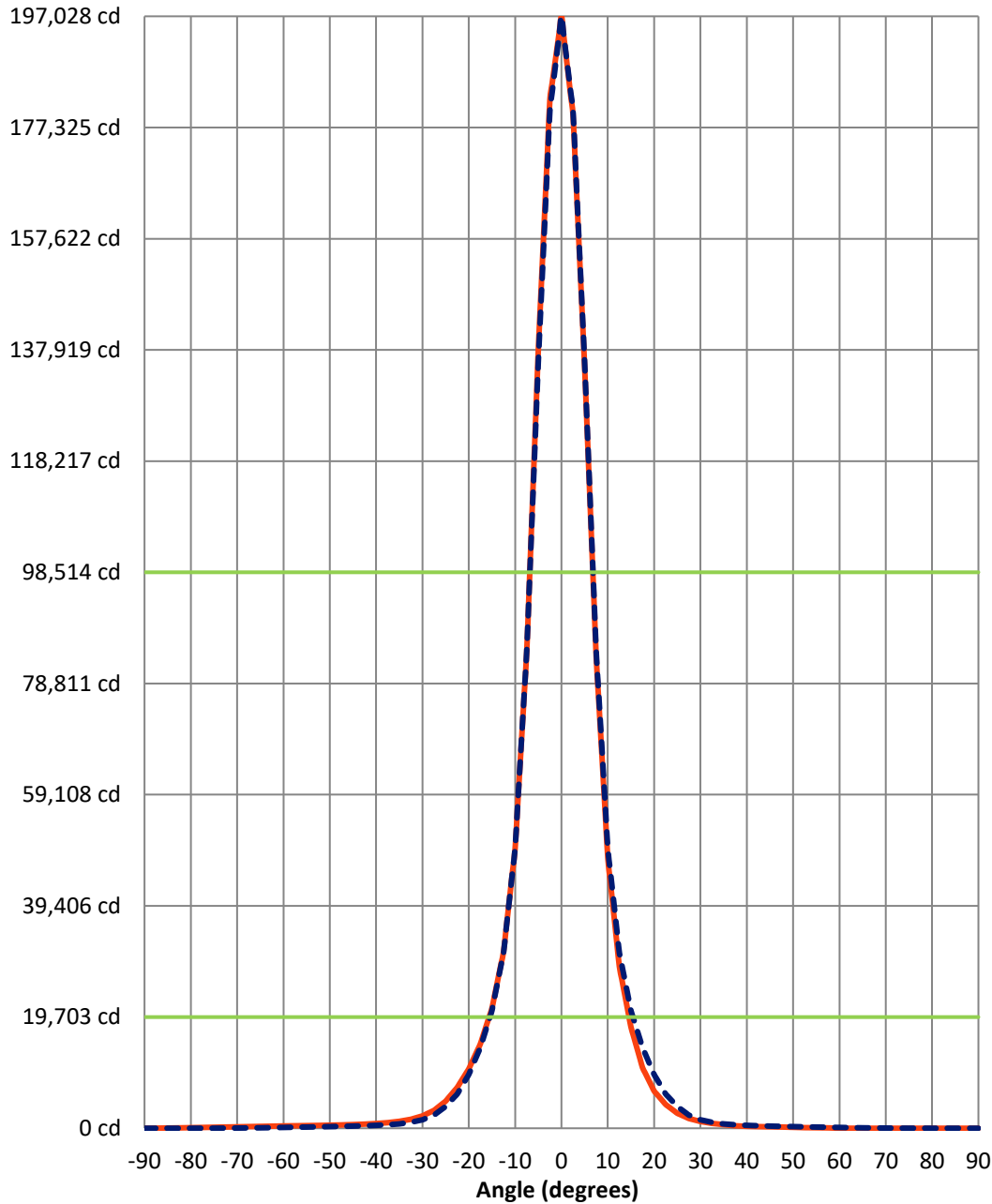
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 6205.2  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 13821.1  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 5616.1  
 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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.6	0.2	0.3	0.9	0.9	0.4
70°	0.0	0.8	0.2	0.1	0.9	0.9	0.5	1.3	1.8	1.6	0.6
67.5°	0.0	0.9	0.2	0.5	1.3	1.3	1.5	2.4	2.7	1.7	0.7
65°	0.0	1.0	0.3	0.9	1.7	1.8	2.4	3.5	2.8	1.9	1.3
62.5°	0.0	1.1	0.4	1.3	2.2	2.4	3.3	3.9	3.0	2.2	2.6
60°	0.0	1.2	0.6	1.8	2.6	2.9	4.1	4.1	3.2	3.0	3.8
57.5°	0.0	1.3	0.9	2.2	3.0	3.4	4.2	4.2	3.5	3.7	4.2
55°	0.0	1.4	1.3	2.7	3.2	3.9	4.2	4.2	3.9	4.2	4.2
52.5°	0.0	1.5	1.6	3.1	3.5	4.2	4.2	4.2	4.1	4.2	4.2
50°	0.0	1.7	1.9	3.6	3.7	4.2	4.2	4.2	4.2	4.2	4.9
47.5°	0.0	1.8	2.2	4.0	3.9	4.2	4.2	4.2	4.2	4.2	5.8
45°	0.0	1.9	2.5	4.1	4.0	4.2	4.2	4.2	4.3	5.2	6.8
42.5°	0.0	2.0	2.7	4.2	4.2	4.2	4.2	4.4	4.6	6.3	9.2
40°	0.0	2.2	2.9	4.2	4.2	4.2	4.2	4.7	5.3	7.6	11.9
37.5°	0.0	2.3	3.1	4.2	4.2	4.2	4.2	5.1	6.8	9.6	14.7
35°	0.0	2.5	3.3	4.2	4.2	4.2	4.2	5.6	8.3	12.3	18.0
32.5°	0.0	2.6	3.5	4.2	4.2	4.2	4.3	6.1	9.9	14.8	22.3
30°	0.0	2.7	3.6	4.2	4.2	4.2	4.7	6.9	11.6	17.3	27.0
27.5°	0.0	2.9	3.8	4.2	4.2	4.2	5.2	8.3	13.4	19.6	32.0
25°	0.0	3.0	3.9	4.2	4.2	4.2	5.7	9.6	15.4	23.1	37.4
22.5°	0.0	3.1	4.0	4.2	4.2	4.3	6.2	11.0	17.3	27.3	43.8
20°	0.0	3.3	4.0	4.2	4.2	4.6	6.7	12.3	19.1	31.6	49.7
17.5°	0.0	3.4	4.1	4.2	4.2	4.9	7.5	13.6	20.8	35.8	55.0
15°	0.0	3.5	4.1	4.2	4.2	5.4	8.3	14.9	22.3	40.1	59.9
12.5°	0.0	3.7	4.2	4.2	4.2	5.8	9.1	16.2	24.4	44.2	64.3
10°	0.0	3.8	4.2	4.2	4.2	6.3	9.9	17.3	27.1	48.0	68.1
7.5°	0.0	3.9	4.2	4.2	4.2	6.8	10.6	18.4	29.8	51.3	71.5
5°	0.0	4.0	4.2	4.2	4.2	7.3	11.3	19.3	32.5	54.1	74.5
2.5°	0.0	4.1	4.2	4.2	4.2	7.8	11.9	20.2	35.1	56.5	77.1
0°	0.0	4.2	4.2	4.2	4.2	8.3	12.5	20.9	37.5	58.4	79.2
-2.5°	0.0	4.2	4.2	4.2	4.6	8.7	13.6	22.2	39.6	59.9	81.9
-5°	0.0	4.2	4.2	4.2	4.9	9.2	14.6	23.3	41.5	61.1	84.1
-7.5°	0.0	4.2	4.2	4.2	5.2	9.5	15.6	24.3	43.0	62.1	85.7
-10°	0.0	4.1	4.2	4.2	5.5	9.8	16.4	25.2	44.1	62.7	86.8
-12.5°	0.0	4.1	4.2	4.2	5.8	10.1	17.1	26.0	44.7	63.3	88.4
-15°	0.0	4.1	4.2	4.2	6.0	10.3	17.6	26.6	44.9	64.6	89.9
-17.5°	0.0	4.0	4.2	4.2	6.2	10.5	17.9	27.2	44.6	65.3	90.6
-20°	0.0	3.9	4.2	4.2	6.3	10.7	18.2	27.8	43.9	65.2	90.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3D-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	3.9	4.2	4.2	6.4	10.8	18.4	28.1	43.0	64.5	89.4
-25°	0.0	3.8	4.2	4.2	6.4	11.0	18.5	28.3	41.6	63.0	87.5
-27.5°	0.0	3.7	4.2	4.2	6.3	11.3	18.5	28.2	40.0	60.9	85.6
-30°	0.0	3.6	4.2	4.2	6.1	11.5	18.4	27.9	39.1	58.6	82.8
-32.5°	0.0	3.5	4.2	4.2	6.1	11.6	18.2	27.5	38.6	56.0	78.8
-35°	0.0	3.4	4.2	4.2	6.0	11.6	18.1	27.1	37.8	53.0	73.8
-37.5°	0.0	3.3	4.2	4.2	5.9	11.4	18.1	26.6	36.7	49.7	70.9
-40°	0.0	3.2	4.2	4.2	5.7	11.2	17.8	26.0	35.3	47.6	68.3
-42.5°	0.0	3.1	4.2	4.2	5.6	10.9	17.5	25.3	34.2	46.6	65.1
-45°	0.0	3.0	4.2	4.3	5.8	10.5	16.9	24.5	33.2	45.2	61.5
-47.5°	0.0	2.8	4.2	4.4	5.9	9.9	16.3	23.7	32.1	43.2	59.2
-50°	0.0	2.7	4.2	4.5	5.9	9.3	15.4	22.6	30.9	41.6	56.1
-52.5°	0.0	2.6	4.2	4.5	5.9	8.5	14.5	21.4	29.4	39.3	52.4
-55°	0.0	2.4	4.2	4.5	5.9	8.3	13.3	20.0	27.6	36.4	48.7
-57.5°	0.0	2.3	4.2	4.5	5.8	8.1	12.1	18.4	25.6	33.7	44.1
-60°	0.0	2.1	4.2	4.5	5.7	7.8	10.8	16.6	23.4	31.1	39.5
-62.5°	0.0	1.9	3.9	4.5	5.5	7.5	10.3	14.7	21.0	28.1	36.0
-65°	0.0	1.8	3.5	4.4	5.3	7.1	9.6	12.9	18.4	24.9	32.1
-67.5°	0.0	1.6	3.2	4.3	5.1	6.6	8.9	11.9	15.6	21.5	28.0
-70°	0.0	1.4	2.9	4.2	4.9	6.1	8.1	10.7	13.9	17.9	23.7
-72.5°	0.0	1.3	2.5	3.8	4.6	5.6	7.2	9.4	12.2	15.5	19.4
-75°	0.0	1.1	2.2	3.3	4.3	5.0	6.3	8.2	10.3	13.1	16.3
-77.5°	0.0	0.9	1.8	2.7	3.6	4.4	5.3	7.1	9.0	10.8	13.1
-80°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.9	7.6	9.3	11.0
-82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.6	6.3	7.8	9.3
-85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	3.1	4.3	5.5	7.0
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.6	2.1	2.8	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.2	1.4	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.1	2.7	2.1	1.1	0.1	1.0	1.4	1.1	0.1	0.0	0.0
62.5°	3.9	3.3	2.3	1.7	2.4	3.2	2.5	1.4	0.4	2.0	2.9
60°	4.2	3.5	2.9	3.3	4.3	3.8	2.8	4.1	6.1	7.7	9.3
57.5°	4.2	3.9	3.8	4.5	4.7	4.8	7.3	9.8	13.8	17.2	19.5
55°	4.3	4.2	4.7	5.6	7.0	10.0	13.6	19.2	23.7	30.6	36.4
52.5°	4.8	4.7	6.3	8.5	12.6	17.2	23.7	31.6	40.5	47.2	54.3
50°	5.4	7.0	8.9	14.3	19.9	27.1	37.8	49.2	56.8	64.3	74.5
47.5°	7.4	9.4	14.7	21.0	29.0	40.5	55.2	63.5	70.9	82.7	95.4
45°	10.0	14.2	20.7	29.3	40.4	56.5	68.1	74.9	87.7	101.4	115.9
42.5°	12.8	19.6	28.4	37.4	55.0	70.3	80.8	91.5	104.5	120.5	136.2
40°	17.3	24.9	36.8	51.1	68.9	83.9	97.0	109.4	122.1	143.1	159.8
37.5°	22.0	33.0	46.4	64.2	82.7	99.1	113.7	129.2	147.5	171.1	186.1
35°	26.5	41.4	57.8	76.7	96.4	114.9	132.5	150.6	174.2	196.6	214.5
32.5°	32.8	49.9	68.4	88.9	109.2	130.1	151.5	173.1	196.4	219.3	242.7
30°	40.7	59.1	78.6	100.5	120.9	145.2	169.9	192.8	216.2	240.3	266.8
27.5°	48.7	67.6	88.7	110.9	132.3	159.9	186.5	210.5	234.5	260.5	290.7
25°	56.0	76.2	98.3	120.1	145.3	174.9	204.0	231.7	252.1	281.7	316.9
22.5°	63.1	84.7	108.3	128.5	157.8	190.0	223.9	253.7	277.8	304.2	344.3
20°	70.1	93.3	117.8	140.3	170.4	205.0	245.2	276.0	305.9	339.9	380.8
17.5°	76.8	101.4	127.1	153.8	185.6	221.4	267.1	298.4	334.1	374.8	426.3
15°	83.2	108.9	136.4	166.4	199.3	237.9	281.9	321.0	363.7	410.6	471.6
12.5°	89.1	115.7	145.6	178.1	211.3	252.0	294.4	335.9	385.1	446.5	523.1
10°	94.5	121.9	154.5	188.8	221.8	264.0	305.3	348.6	400.4	467.9	555.6
7.5°	99.0	128.2	162.9	198.5	230.8	273.8	314.8	359.0	413.3	485.6	577.4
5°	102.8	134.7	170.8	204.8	238.3	282.3	322.7	367.3	423.5	499.4	593.1
2.5°	105.9	140.7	177.7	209.3	244.8	290.0	329.0	376.4	433.9	510.1	607.7
0°	108.4	146.0	183.5	212.7	250.2	296.1	333.6	383.7	442.1	517.1	621.4
-2.5°	113.5	150.3	187.0	216.6	255.9	297.1	336.7	384.8	445.2	522.5	623.9
-5°	117.7	153.8	189.5	219.6	260.3	297.0	338.0	383.9	446.2	525.6	628.4
-7.5°	121.0	156.5	191.2	222.0	262.6	298.4	339.9	386.9	449.5	528.5	634.3
-10°	123.1	158.4	192.6	225.0	263.1	299.8	340.6	387.5	448.9	526.6	631.1
-12.5°	124.2	159.6	193.2	226.6	263.0	299.7	339.6	385.7	444.3	520.1	618.2
-15°	124.6	160.0	193.1	226.8	262.4	297.9	336.9	381.3	436.1	508.9	598.0
-17.5°	124.2	159.8	192.3	225.4	261.4	294.4	332.8	375.4	427.7	495.8	581.6
-20°	123.1	158.9	190.9	222.4	260.0	291.2	328.6	369.8	419.0	480.7	557.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	121.4	157.4	188.8	219.4	255.4	288.3	323.2	362.5	406.5	462.3	530.5
-25°	119.4	154.5	186.2	217.0	250.1	283.8	316.3	353.7	394.2	447.8	509.1
-27.5°	116.7	150.9	182.6	213.7	244.6	277.7	309.5	344.8	384.8	432.1	487.0
-30°	112.9	145.8	177.5	209.3	239.7	270.8	301.5	335.2	372.9	417.5	468.1
-32.5°	108.0	140.2	171.2	202.6	234.2	263.9	292.8	325.1	360.6	399.7	447.8
-35°	103.1	134.0	164.3	194.2	227.5	256.2	284.0	313.7	346.7	383.0	422.3
-37.5°	98.4	127.5	157.0	185.2	216.8	246.6	273.7	301.9	332.4	365.7	401.4
-40°	93.4	120.5	149.3	176.8	204.5	234.9	262.0	289.1	317.4	350.8	382.5
-42.5°	88.3	114.5	141.2	168.2	194.6	221.8	248.9	274.9	304.6	336.3	367.4
-45°	83.9	108.3	133.1	159.3	185.4	210.0	235.3	259.7	289.9	321.5	351.9
-47.5°	78.9	102.0	126.0	149.8	175.4	199.9	222.7	247.3	273.1	302.9	334.8
-50°	73.6	95.5	117.7	140.1	164.3	188.9	212.0	234.8	259.0	283.6	311.1
-52.5°	69.2	88.3	108.8	129.4	152.3	176.4	199.7	222.5	244.8	267.9	291.4
-55°	63.9	81.4	99.6	118.8	138.9	161.9	185.1	207.3	230.1	251.6	274.6
-57.5°	58.0	73.8	90.3	108.3	126.6	145.5	168.0	190.1	211.4	233.3	257.0
-60°	51.4	65.5	80.5	97.1	114.9	132.2	150.4	170.9	191.5	212.2	234.1
-62.5°	44.6	56.8	70.3	84.8	101.2	118.2	134.8	152.2	170.8	188.8	207.8
-65°	40.0	48.6	60.0	72.9	86.3	101.5	117.2	133.3	149.7	165.0	179.6
-67.5°	35.2	42.9	51.3	60.8	73.0	85.8	98.4	112.8	127.4	141.5	155.1
-70°	30.0	36.9	44.3	52.2	60.9	71.4	83.1	94.7	105.9	117.7	130.4
-72.5°	24.6	30.6	37.0	43.9	51.3	59.5	68.6	78.4	88.5	98.2	108.1
-75°	20.2	24.1	29.4	35.2	41.6	48.1	54.7	62.4	70.9	79.5	87.8
-77.5°	16.6	20.3	23.9	27.4	32.0	37.9	43.8	49.5	55.5	61.9	68.8
-80°	13.5	16.3	19.6	22.9	26.0	29.6	33.7	38.2	42.4	46.7	51.4
-82.5°	11.2	13.4	15.8	18.4	20.2	22.1	24.2	26.8	29.6	32.5	35.5
-85°	8.6	10.4	11.9	13.7	14.5	15.5	16.5	17.6	19.4	21.2	22.9
-87.5°	4.3	5.2	6.1	7.2	7.6	8.0	8.4	8.8	10.0	11.2	12.4
-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: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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	0.8	1.0	0.9	0.4	0.0	0.0
62.5°	2.4	2.0	3.2	4.3	4.8	4.6	4.3	3.8	3.2	3.0	3.4
60°	10.0	9.8	13.7	15.5	14.1	9.9	15.7	18.5	17.8	15.3	15.2
57.5°	24.5	29.8	33.6	35.2	40.7	49.7	51.4	48.4	47.4	48.4	55.9
55°	42.4	46.7	48.8	56.4	63.1	68.0	70.9	73.8	78.1	83.3	88.7
52.5°	60.0	65.8	70.3	77.1	85.1	87.9	87.2	97.5	105.5	110.6	112.7
50°	82.4	89.7	100.1	110.7	115.3	119.8	124.5	133.0	145.3	160.7	169.5
47.5°	106.5	118.0	128.9	141.0	147.1	151.9	159.0	173.7	191.3	207.9	216.5
45°	128.2	138.5	150.9	161.4	169.0	178.2	188.4	201.8	221.4	238.7	250.6
42.5°	145.7	157.2	170.1	182.7	190.4	202.8	218.4	236.5	257.1	275.1	288.3
40°	170.2	180.0	200.3	212.3	215.4	227.0	258.2	283.0	306.2	328.4	339.4
37.5°	199.8	218.7	239.9	250.9	261.6	282.1	323.8	363.9	393.6	423.5	439.9
35°	233.3	258.3	287.2	300.1	323.1	367.8	416.8	472.6	541.9	570.9	597.4
32.5°	265.9	293.9	320.6	349.5	389.8	443.2	498.4	588.8	673.1	738.4	786.2
30°	294.9	324.6	357.6	394.9	451.7	525.2	617.5	734.4	853.3	957.0	1044.8
27.5°	323.5	357.2	396.6	452.1	532.0	631.9	779.2	945.9	1144.5	1290.7	1465.3
25°	354.9	393.4	443.9	524.5	632.3	781.6	1017.2	1287.9	1613.4	1877.3	2153.4
22.5°	392.0	449.0	512.9	602.8	791.1	1037.2	1359.0	1821.7	2322.3	2785.1	3230.9
20°	436.9	514.7	617.4	782.8	1024.6	1388.4	1947.4	2685.9	3422.1	4206.3	4961.1
17.5°	500.9	613.1	772.5	1008.0	1326.6	2046.2	2953.3	4095.6	5563.1	6892.9	8054.1
15°	560.9	694.9	946.7	1298.7	1854.5	2808.2	4186.0	6071.3	8358.4	10442.8	12644.2
12.5°	623.9	782.2	1071.4	1519.5	2291.9	3533.4	5469.7	8052.9	10916.7	14058.0	17636.2
10°	673.7	866.0	1212.2	1780.4	2732.5	4278.6	6585.0	9717.9	13523.4	18172.4	23892.3
7.5°	707.5	933.2	1328.6	1971.5	3138.2	5040.7	7817.1	11582.7	16340.3	22499.3	30503.0
5°	733.8	984.5	1416.1	2145.7	3481.4	5622.4	8729.9	13215.7	18843.7	27095.7	40659.6
2.5°	754.9	1023.7	1470.3	2265.6	3696.8	6027.5	9342.4	14139.7	20334.0	30493.9	48091.4
0°	771.5	1059.3	1505.5	2339.6	3861.8	6068.0	9533.6	14308.7	20868.8	31107.2	49690.7
-2.5°	778.5	1078.3	1517.7	2355.8	3845.3	6137.6	9592.0	14443.8	20848.7	30771.2	47904.4
-5°	790.3	1078.0	1508.5	2339.2	3759.1	5957.7	9211.0	13688.0	19590.9	28124.7	42161.6
-7.5°	798.7	1060.8	1464.8	2233.2	3533.4	5569.0	8541.6	12435.9	17301.7	23781.2	32474.7
-10°	790.9	1027.8	1392.0	2055.4	3182.6	4945.5	7523.8	10782.9	14826.9	19628.7	25535.3
-12.5°	761.2	966.9	1273.2	1806.4	2728.2	4247.0	6499.7	9274.7	12267.8	15640.1	19721.7
-15°	723.6	901.2	1166.2	1635.5	2391.3	3554.7	5199.4	7450.5	9851.6	12412.0	15142.4
-17.5°	694.3	843.6	1063.0	1402.7	1958.6	2883.6	4176.1	5775.3	7539.8	9489.2	11107.1
-20°	654.6	772.6	956.8	1234.2	1658.3	2271.2	3212.5	4374.3	5538.7	6909.3	8027.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	614.9	717.7	857.8	1060.8	1376.4	1839.5	2421.0	3196.8	4048.2	4835.0	5609.4
-25°	578.0	657.2	770.5	937.1	1151.2	1467.1	1881.1	2326.1	2887.4	3366.3	3897.7
-27.5°	548.2	616.1	699.8	821.9	988.0	1191.2	1487.6	1785.8	2081.0	2322.7	2688.6
-30°	519.3	574.1	644.0	731.1	855.6	1012.2	1204.6	1398.0	1568.4	1723.8	1914.3
-32.5°	491.0	535.6	589.2	661.5	750.8	868.6	986.8	1125.4	1243.8	1353.1	1454.2
-35°	462.6	502.3	543.1	604.1	675.4	759.0	844.9	938.9	1020.9	1094.4	1159.5
-37.5°	437.0	471.8	510.3	555.6	613.1	676.0	746.2	814.4	868.5	916.3	955.8
-40°	415.4	447.1	480.0	516.3	560.0	609.7	669.3	726.1	764.0	793.2	817.2
-42.5°	396.1	423.9	452.0	482.8	516.4	559.4	606.4	653.4	679.1	701.7	719.0
-45°	380.6	401.9	425.5	451.9	481.6	517.6	554.6	587.0	609.9	629.3	643.8
-47.5°	360.1	380.7	401.1	422.8	450.5	480.5	511.1	536.1	556.0	573.0	584.0
-50°	337.5	359.2	377.9	397.0	422.5	448.0	472.6	493.2	512.2	528.8	537.5
-52.5°	314.2	337.5	357.1	375.7	397.1	419.3	441.5	459.2	475.9	491.5	498.1
-55°	297.4	318.8	339.1	356.6	374.2	392.0	410.1	428.4	445.0	459.8	464.2
-57.5°	279.2	301.0	321.1	336.8	352.7	368.7	385.3	401.9	417.8	432.0	435.6
-60°	257.0	280.7	298.5	313.4	328.8	344.6	359.0	373.8	388.6	401.1	405.1
-62.5°	228.8	250.4	268.0	283.6	298.6	312.3	326.4	340.1	353.5	363.3	366.5
-65°	195.0	213.4	231.5	247.9	262.6	275.9	288.9	301.4	313.5	322.2	326.4
-67.5°	168.4	181.6	196.1	210.3	225.1	238.7	250.5	261.5	271.9	279.2	283.8
-70°	142.7	155.2	168.9	182.3	195.2	206.3	215.7	224.8	233.6	240.1	245.0
-72.5°	118.1	128.8	140.2	152.0	163.7	173.8	182.4	190.5	198.1	203.7	208.2
-75°	95.9	104.7	114.3	123.9	133.4	141.4	148.6	155.6	162.4	167.3	171.4
-77.5°	76.1	83.6	91.0	98.5	106.0	111.8	117.1	122.3	127.3	131.2	134.7
-80°	56.4	62.2	68.2	74.2	80.2	84.6	88.6	92.3	95.9	98.2	100.2
-82.5°	38.5	42.6	46.8	51.0	55.3	58.6	61.7	64.8	67.8	68.9	69.7
-85°	24.6	26.6	28.8	31.1	33.5	35.3	37.1	38.7	40.3	41.7	43.1
-87.5°	13.7	14.1	14.5	14.8	15.1	16.4	17.7	18.9	20.2	20.4	20.6
-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: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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	0.4	0.9
62.5°	3.8	4.0	4.2	4.2	4.2	4.0	3.8	3.4	3.0	3.2	3.8
60°	14.3	12.7	12.4	12.5	12.4	12.7	14.3	15.2	15.3	17.8	18.5
57.5°	63.5	70.6	72.5	70.9	72.5	70.6	63.5	55.9	48.4	47.4	48.4
55°	92.3	94.5	95.6	95.9	95.6	94.5	92.3	88.7	83.3	78.1	73.8
52.5°	113.2	112.5	112.3	112.6	112.3	112.5	113.2	112.7	110.6	105.5	97.5
50°	170.2	167.0	165.8	166.8	165.8	167.0	170.2	169.5	160.7	145.3	133.0
47.5°	217.5	218.5	219.9	221.0	219.9	218.5	217.5	216.5	207.9	191.3	173.7
45°	254.0	256.2	257.8	258.6	257.8	256.2	254.0	250.6	238.7	221.4	201.8
42.5°	291.3	291.5	291.1	291.9	291.1	291.5	291.3	288.3	275.1	257.1	236.5
40°	343.8	345.0	343.8	342.0	343.8	345.0	343.8	339.4	328.4	306.2	283.0
37.5°	449.4	450.9	446.0	442.1	446.0	450.9	449.4	439.9	423.5	393.6	363.9
35°	621.5	639.4	647.9	650.6	647.9	639.4	621.5	597.4	570.9	541.9	472.6
32.5°	819.1	844.0	856.4	867.4	856.4	844.0	819.1	786.2	738.4	673.1	588.8
30°	1102.4	1148.1	1168.3	1196.9	1168.3	1148.1	1102.4	1044.8	957.0	853.3	734.4
27.5°	1564.4	1644.9	1689.4	1730.7	1689.4	1644.9	1564.4	1465.3	1290.7	1144.5	945.9
25°	2354.1	2509.0	2609.2	2656.6	2609.2	2509.0	2354.1	2153.4	1877.3	1613.4	1287.9
22.5°	3662.2	3947.7	4168.0	4212.1	4168.0	3947.7	3662.2	3230.9	2785.1	2322.3	1821.7
20°	5693.4	6102.0	6434.4	6601.8	6434.4	6102.0	5693.4	4961.1	4206.3	3422.1	2685.9
17.5°	9437.0	10286.9	10675.1	10738.9	10675.1	10286.9	9437.0	8054.1	6892.9	5563.1	4095.6
15°	15006.3	16444.5	17357.5	17945.4	17357.5	16444.5	15006.3	12644.2	10442.8	8358.4	6071.3
12.5°	21360.9	25447.4	27772.7	28659.2	27772.7	25447.4	21360.9	17636.2	14058.0	10916.7	8052.9
10°	29985.3	39605.6	45154.9	47947.4	45154.9	39605.6	29985.3	23892.3	18172.4	13523.4	9717.9
7.5°	44623.1	59481.7	75944.5	83560.9	75944.5	59481.7	44623.1	30503.0	22499.3	16340.3	11582.7
5°	60010.9	92634.4	121268.4	134980.2	121268.4	92634.4	60010.9	40659.6	27095.7	18843.7	13215.7
2.5°	77696.7	121692.6	162370.4	179474.5	162370.4	121692.6	77696.7	48091.4	30493.9	20334.0	14139.7
0°	84503.3	135751.7	180239.7	197027.8	180239.7	135751.7	84503.3	49690.7	31107.2	20868.8	14308.7
-2.5°	78749.0	123824.0	163069.3	182251.9	163069.3	123824.0	78749.0	47904.4	30771.2	20848.7	14443.8
-5°	62570.1	93145.0	122209.8	137841.1	122209.8	93145.0	62570.1	42161.6	28124.7	19590.9	13688.0
-7.5°	45922.6	62567.2	78708.8	84353.2	78708.8	62567.2	45922.6	32474.7	23781.2	17301.7	12435.9
-10°	31972.2	41503.5	47795.2	49590.6	47795.2	41503.5	31972.2	25535.3	19628.7	14826.9	10782.9
-12.5°	23704.2	27873.1	30773.9	31278.2	30773.9	27873.1	23704.2	19721.7	15640.1	12267.8	9274.7
-15°	17552.3	19672.4	21168.4	21269.2	21168.4	19672.4	17552.3	15142.4	12412.0	9851.6	7450.5
-17.5°	12830.8	14253.9	15009.0	14955.2	15009.0	14253.9	12830.8	11107.1	9489.2	7539.8	5775.3
-20°	9174.8	10032.6	10641.0	10522.0	10641.0	10032.6	9174.8	8027.0	6909.3	5538.7	4374.3

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	6397.3	6966.8	7323.2	7231.5	7323.2	6966.8	6397.3	5609.4	4835.0	4048.2	3196.8
-25°	4346.9	4657.1	4833.7	4804.3	4833.7	4657.1	4346.9	3897.7	3366.3	2887.4	2326.1
-27.5°	2962.2	3126.0	3180.7	3177.9	3180.7	3126.0	2962.2	2688.6	2322.7	2081.0	1785.8
-30°	2055.9	2166.1	2229.1	2189.5	2229.1	2166.1	2055.9	1914.3	1723.8	1568.4	1398.0
-32.5°	1532.3	1594.4	1630.4	1593.1	1630.4	1594.4	1532.3	1454.2	1353.1	1243.8	1125.4
-35°	1207.6	1239.0	1251.7	1230.3	1251.7	1239.0	1207.6	1159.5	1094.4	1020.9	938.9
-37.5°	984.6	1003.0	1009.2	996.7	1009.2	1003.0	984.6	955.8	916.3	868.5	814.4
-40°	834.3	845.5	848.3	838.3	848.3	845.5	834.3	817.2	793.2	764.0	726.1
-42.5°	730.0	736.7	738.3	734.0	738.3	736.7	730.0	719.0	701.7	679.1	653.4
-45°	652.4	658.2	659.2	654.8	659.2	658.2	652.4	643.8	629.3	609.9	587.0
-47.5°	589.5	593.1	594.0	592.2	594.0	593.1	589.5	584.0	573.0	556.0	536.1
-50°	541.5	543.9	544.1	542.2	544.1	543.9	541.5	537.5	528.8	512.2	493.2
-52.5°	501.2	502.9	504.0	504.6	504.0	502.9	501.2	498.1	491.5	475.9	459.2
-55°	467.3	469.5	470.9	471.3	470.9	469.5	467.3	464.2	459.8	445.0	428.4
-57.5°	438.5	440.5	441.7	442.1	441.7	440.5	438.5	435.6	432.0	417.8	401.9
-60°	408.4	410.8	412.4	412.9	412.4	410.8	408.4	405.1	401.1	388.6	373.8
-62.5°	368.6	369.7	370.8	371.2	370.8	369.7	368.6	366.5	363.3	353.5	340.1
-65°	329.7	331.9	333.2	333.6	333.2	331.9	329.7	326.4	322.2	313.5	301.4
-67.5°	287.5	290.4	293.5	296.1	293.5	290.4	287.5	283.8	279.2	271.9	261.5
-70°	249.3	252.9	254.1	254.4	254.1	252.9	249.3	245.0	240.1	233.6	224.8
-72.5°	212.2	215.7	218.6	221.0	218.6	215.7	212.2	208.2	203.7	198.1	190.5
-75°	175.0	178.3	179.1	179.3	179.1	178.3	175.0	171.4	167.3	162.4	155.6
-77.5°	138.0	141.0	141.6	141.8	141.6	141.0	138.0	134.7	131.2	127.3	122.3
-80°	102.1	103.8	106.2	108.4	106.2	103.8	102.1	100.2	98.2	95.9	92.3
-82.5°	70.2	70.6	70.8	70.9	70.8	70.6	70.2	69.7	68.9	67.8	64.8
-85°	44.4	45.7	45.9	45.9	45.9	45.7	44.4	43.1	41.7	40.3	38.7
-87.5°	20.7	20.8	20.9	20.9	20.9	20.8	20.7	20.6	20.4	20.2	18.9
-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: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	1.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.1
62.5°	4.3	4.6	4.8	4.3	3.2	2.0	2.4	2.9	2.0	0.4	1.4
60°	15.7	9.9	14.1	15.5	13.7	9.8	10.0	9.3	7.7	6.1	4.1
57.5°	51.4	49.7	40.7	35.2	33.6	29.8	24.5	19.5	17.2	13.8	9.8
55°	70.9	68.0	63.1	56.4	48.8	46.7	42.4	36.4	30.6	23.7	19.2
52.5°	87.2	87.9	85.1	77.1	70.3	65.8	60.0	54.3	47.2	40.5	31.6
50°	124.5	119.8	115.3	110.7	100.1	89.7	82.4	74.5	64.3	56.8	49.2
47.5°	159.0	151.9	147.1	141.0	128.9	118.0	106.5	95.4	82.7	70.9	63.5
45°	188.4	178.2	169.0	161.4	150.9	138.5	128.2	115.9	101.4	87.7	74.9
42.5°	218.4	202.8	190.4	182.7	170.1	157.2	145.7	136.2	120.5	104.5	91.5
40°	258.2	227.0	215.4	212.3	200.3	180.0	170.2	159.8	143.1	122.1	109.4
37.5°	323.8	282.1	261.6	250.9	239.9	218.7	199.8	186.1	171.1	147.5	129.2
35°	416.8	367.8	323.1	300.1	287.2	258.3	233.3	214.5	196.6	174.2	150.6
32.5°	498.4	443.2	389.8	349.5	320.6	293.9	265.9	242.7	219.3	196.4	173.1
30°	617.5	525.2	451.7	394.9	357.6	324.6	294.9	266.8	240.3	216.2	192.8
27.5°	779.2	631.9	532.0	452.1	396.6	357.2	323.5	290.7	260.5	234.5	210.5
25°	1017.2	781.6	632.3	524.5	443.9	393.4	354.9	316.9	281.7	252.1	231.7
22.5°	1359.0	1037.2	791.1	602.8	512.9	449.0	392.0	344.3	304.2	277.8	253.7
20°	1947.4	1388.4	1024.6	782.8	617.4	514.7	436.9	380.8	339.9	305.9	276.0
17.5°	2953.3	2046.2	1326.6	1008.0	772.5	613.1	500.9	426.3	374.8	334.1	298.4
15°	4186.0	2808.2	1854.5	1298.7	946.7	694.9	560.9	471.6	410.6	363.7	321.0
12.5°	5469.7	3533.4	2291.9	1519.5	1071.4	782.2	623.9	523.1	446.5	385.1	335.9
10°	6585.0	4278.6	2732.5	1780.4	1212.2	866.0	673.7	555.6	467.9	400.4	348.6
7.5°	7817.1	5040.7	3138.2	1971.5	1328.6	933.2	707.5	577.4	485.6	413.3	359.0
5°	8729.9	5622.4	3481.4	2145.7	1416.1	984.5	733.8	593.1	499.4	423.5	367.3
2.5°	9342.4	6027.5	3696.8	2265.6	1470.3	1023.7	754.9	607.7	510.1	433.9	376.4
0°	9533.6	6068.0	3861.8	2339.6	1505.5	1059.3	771.5	621.4	517.1	442.1	383.7
-2.5°	9592.0	6137.6	3845.3	2355.8	1517.7	1078.3	778.5	623.9	522.5	445.2	384.8
-5°	9211.0	5957.7	3759.1	2339.2	1508.5	1078.0	790.3	628.4	525.6	446.2	383.9
-7.5°	8541.6	5569.0	3533.4	2233.2	1464.8	1060.8	798.7	634.3	528.5	449.5	386.9
-10°	7523.8	4945.5	3182.6	2055.4	1392.0	1027.8	790.9	631.1	526.6	448.9	387.5
-12.5°	6499.7	4247.0	2728.2	1806.4	1273.2	966.9	761.2	618.2	520.1	444.3	385.7
-15°	5199.4	3554.7	2391.3	1635.5	1166.2	901.2	723.6	598.0	508.9	436.1	381.3
-17.5°	4176.1	2883.6	1958.6	1402.7	1063.0	843.6	694.3	581.6	495.8	427.7	375.4
-20°	3212.5	2271.2	1658.3	1234.2	956.8	772.6	654.6	557.4	480.7	419.0	369.8



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REPORT NUMBER: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	2421.0	1839.5	1376.4	1060.8	857.8	717.7	614.9	530.5	462.3	406.5	362.5
-25°	1881.1	1467.1	1151.2	937.1	770.5	657.2	578.0	509.1	447.8	394.2	353.7
-27.5°	1487.6	1191.2	988.0	821.9	699.8	616.1	548.2	487.0	432.1	384.8	344.8
-30°	1204.6	1012.2	855.6	731.1	644.0	574.1	519.3	468.1	417.5	372.9	335.2
-32.5°	986.8	868.6	750.8	661.5	589.2	535.6	491.0	447.8	399.7	360.6	325.1
-35°	844.9	759.0	675.4	604.1	543.1	502.3	462.6	422.3	383.0	346.7	313.7
-37.5°	746.2	676.0	613.1	555.6	510.3	471.8	437.0	401.4	365.7	332.4	301.9
-40°	669.3	609.7	560.0	516.3	480.0	447.1	415.4	382.5	350.8	317.4	289.1
-42.5°	606.4	559.4	516.4	482.8	452.0	423.9	396.1	367.4	336.3	304.6	274.9
-45°	554.6	517.6	481.6	451.9	425.5	401.9	380.6	351.9	321.5	289.9	259.7
-47.5°	511.1	480.5	450.5	422.8	401.1	380.7	360.1	334.8	302.9	273.1	247.3
-50°	472.6	448.0	422.5	397.0	377.9	359.2	337.5	311.1	283.6	259.0	234.8
-52.5°	441.5	419.3	397.1	375.7	357.1	337.5	314.2	291.4	267.9	244.8	222.5
-55°	410.1	392.0	374.2	356.6	339.1	318.8	297.4	274.6	251.6	230.1	207.3
-57.5°	385.3	368.7	352.7	336.8	321.1	301.0	279.2	257.0	233.3	211.4	190.1
-60°	359.0	344.6	328.8	313.4	298.5	280.7	257.0	234.1	212.2	191.5	170.9
-62.5°	326.4	312.3	298.6	283.6	268.0	250.4	228.8	207.8	188.8	170.8	152.2
-65°	288.9	275.9	262.6	247.9	231.5	213.4	195.0	179.6	165.0	149.7	133.3
-67.5°	250.5	238.7	225.1	210.3	196.1	181.6	168.4	155.1	141.5	127.4	112.8
-70°	215.7	206.3	195.2	182.3	168.9	155.2	142.7	130.4	117.7	105.9	94.7
-72.5°	182.4	173.8	163.7	152.0	140.2	128.8	118.1	108.1	98.2	88.5	78.4
-75°	148.6	141.4	133.4	123.9	114.3	104.7	95.9	87.8	79.5	70.9	62.4
-77.5°	117.1	111.8	106.0	98.5	91.0	83.6	76.1	68.8	61.9	55.5	49.5
-80°	88.6	84.6	80.2	74.2	68.2	62.2	56.4	51.4	46.7	42.4	38.2
-82.5°	61.7	58.6	55.3	51.0	46.8	42.6	38.5	35.5	32.5	29.6	26.8
-85°	37.1	35.3	33.5	31.1	28.8	26.6	24.6	22.9	21.2	19.4	17.6
-87.5°	17.7	16.4	15.1	14.8	14.5	14.1	13.7	12.4	11.2	10.0	8.8
-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: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.9	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.6	1.8	1.3
67.5°	0.0	0.0	0.0	0.9	1.4	1.2	0.3	0.7	1.7	2.7	2.4
65°	1.4	1.0	0.1	1.1	2.1	2.7	2.1	1.3	1.9	2.8	3.5
62.5°	2.5	3.2	2.4	1.7	2.3	3.3	3.9	2.6	2.2	3.0	3.9
60°	2.8	3.8	4.3	3.3	2.9	3.5	4.2	3.8	3.0	3.2	4.1
57.5°	7.3	4.8	4.7	4.5	3.8	3.9	4.2	4.2	3.7	3.5	4.2
55°	13.6	10.0	7.0	5.6	4.7	4.2	4.3	4.2	4.2	3.9	4.2
52.5°	23.7	17.2	12.6	8.5	6.3	4.7	4.8	4.2	4.2	4.1	4.2
50°	37.8	27.1	19.9	14.3	8.9	7.0	5.4	4.9	4.2	4.2	4.2
47.5°	55.2	40.5	29.0	21.0	14.7	9.4	7.4	5.8	4.2	4.2	4.2
45°	68.1	56.5	40.4	29.3	20.7	14.2	10.0	6.8	5.2	4.3	4.2
42.5°	80.8	70.3	55.0	37.4	28.4	19.6	12.8	9.2	6.3	4.6	4.4
40°	97.0	83.9	68.9	51.1	36.8	24.9	17.3	11.9	7.6	5.3	4.7
37.5°	113.7	99.1	82.7	64.2	46.4	33.0	22.0	14.7	9.6	6.8	5.1
35°	132.5	114.9	96.4	76.7	57.8	41.4	26.5	18.0	12.3	8.3	5.6
32.5°	151.5	130.1	109.2	88.9	68.4	49.9	32.8	22.3	14.8	9.9	6.1
30°	169.9	145.2	120.9	100.5	78.6	59.1	40.7	27.0	17.3	11.6	6.9
27.5°	186.5	159.9	132.3	110.9	88.7	67.6	48.7	32.0	19.6	13.4	8.3
25°	204.0	174.9	145.3	120.1	98.3	76.2	56.0	37.4	23.1	15.4	9.6
22.5°	223.9	190.0	157.8	128.5	108.3	84.7	63.1	43.8	27.3	17.3	11.0
20°	245.2	205.0	170.4	140.3	117.8	93.3	70.1	49.7	31.6	19.1	12.3
17.5°	267.1	221.4	185.6	153.8	127.1	101.4	76.8	55.0	35.8	20.8	13.6
15°	281.9	237.9	199.3	166.4	136.4	108.9	83.2	59.9	40.1	22.3	14.9
12.5°	294.4	252.0	211.3	178.1	145.6	115.7	89.1	64.3	44.2	24.4	16.2
10°	305.3	264.0	221.8	188.8	154.5	121.9	94.5	68.1	48.0	27.1	17.3
7.5°	314.8	273.8	230.8	198.5	162.9	128.2	99.0	71.5	51.3	29.8	18.4
5°	322.7	282.3	238.3	204.8	170.8	134.7	102.8	74.5	54.1	32.5	19.3
2.5°	329.0	290.0	244.8	209.3	177.7	140.7	105.9	77.1	56.5	35.1	20.2
0°	333.6	296.1	250.2	212.7	183.5	146.0	108.4	79.2	58.4	37.5	20.9
-2.5°	336.7	297.1	255.9	216.6	187.0	150.3	113.5	81.9	59.9	39.6	22.2
-5°	338.0	297.0	260.3	219.6	189.5	153.8	117.7	84.1	61.1	41.5	23.3
-7.5°	339.9	298.4	262.6	222.0	191.2	156.5	121.0	85.7	62.1	43.0	24.3
-10°	340.6	299.8	263.1	225.0	192.6	158.4	123.1	86.8	62.7	44.1	25.2
-12.5°	339.6	299.7	263.0	226.6	193.2	159.6	124.2	88.4	63.3	44.7	26.0
-15°	336.9	297.9	262.4	226.8	193.1	160.0	124.6	89.9	64.6	44.9	26.6
-17.5°	332.8	294.4	261.4	225.4	192.3	159.8	124.2	90.6	65.3	44.6	27.2
-20°	328.6	291.2	260.0	222.4	190.9	158.9	123.1	90.5	65.2	43.9	27.8

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Scaled Data Report



REPORT NUMBER: P627208 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	323.2	288.3	255.4	219.4	188.8	157.4	121.4	89.4	64.5	43.0	28.1
-25°	316.3	283.8	250.1	217.0	186.2	154.5	119.4	87.5	63.0	41.6	28.3
-27.5°	309.5	277.7	244.6	213.7	182.6	150.9	116.7	85.6	60.9	40.0	28.2
-30°	301.5	270.8	239.7	209.3	177.5	145.8	112.9	82.8	58.6	39.1	27.9
-32.5°	292.8	263.9	234.2	202.6	171.2	140.2	108.0	78.8	56.0	38.6	27.5
-35°	284.0	256.2	227.5	194.2	164.3	134.0	103.1	73.8	53.0	37.8	27.1
-37.5°	273.7	246.6	216.8	185.2	157.0	127.5	98.4	70.9	49.7	36.7	26.6
-40°	262.0	234.9	204.5	176.8	149.3	120.5	93.4	68.3	47.6	35.3	26.0
-42.5°	248.9	221.8	194.6	168.2	141.2	114.5	88.3	65.1	46.6	34.2	25.3
-45°	235.3	210.0	185.4	159.3	133.1	108.3	83.9	61.5	45.2	33.2	24.5
-47.5°	222.7	199.9	175.4	149.8	126.0	102.0	78.9	59.2	43.2	32.1	23.7
-50°	212.0	188.9	164.3	140.1	117.7	95.5	73.6	56.1	41.6	30.9	22.6
-52.5°	199.7	176.4	152.3	129.4	108.8	88.3	69.2	52.4	39.3	29.4	21.4
-55°	185.1	161.9	138.9	118.8	99.6	81.4	63.9	48.7	36.4	27.6	20.0
-57.5°	168.0	145.5	126.6	108.3	90.3	73.8	58.0	44.1	33.7	25.6	18.4
-60°	150.4	132.2	114.9	97.1	80.5	65.5	51.4	39.5	31.1	23.4	16.6
-62.5°	134.8	118.2	101.2	84.8	70.3	56.8	44.6	36.0	28.1	21.0	14.7
-65°	117.2	101.5	86.3	72.9	60.0	48.6	40.0	32.1	24.9	18.4	12.9
-67.5°	98.4	85.8	73.0	60.8	51.3	42.9	35.2	28.0	21.5	15.6	11.9
-70°	83.1	71.4	60.9	52.2	44.3	36.9	30.0	23.7	17.9	13.9	10.7
-72.5°	68.6	59.5	51.3	43.9	37.0	30.6	24.6	19.4	15.5	12.2	9.4
-75°	54.7	48.1	41.6	35.2	29.4	24.1	20.2	16.3	13.1	10.3	8.2
-77.5°	43.8	37.9	32.0	27.4	23.9	20.3	16.6	13.1	10.8	9.0	7.1
-80°	33.7	29.6	26.0	22.9	19.6	16.3	13.5	11.0	9.3	7.6	5.9
-82.5°	24.2	22.1	20.2	18.4	15.8	13.4	11.2	9.3	7.8	6.3	4.6
-85°	16.5	15.5	14.5	13.7	11.9	10.4	8.6	7.0	5.5	4.3	3.1
-87.5°	8.4	8.0	7.6	7.2	6.1	5.2	4.3	3.5	2.8	2.1	1.6
-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-SA3D-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	0.2	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	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.6	0.5	0.0	0.1	0.7	0.0
70°	0.5	0.9	0.9	0.1	0.2	0.8	0.0
67.5°	1.5	1.3	1.3	0.5	0.2	0.9	0.0
65°	2.4	1.8	1.7	0.9	0.3	1.0	0.0
62.5°	3.3	2.4	2.2	1.3	0.4	1.1	0.0
60°	4.1	2.9	2.6	1.8	0.6	1.2	0.0
57.5°	4.2	3.4	3.0	2.2	0.9	1.3	0.0
55°	4.2	3.9	3.2	2.7	1.3	1.4	0.0
52.5°	4.2	4.2	3.5	3.1	1.6	1.5	0.0
50°	4.2	4.2	3.7	3.6	1.9	1.7	0.0
47.5°	4.2	4.2	3.9	4.0	2.2	1.8	0.0
45°	4.2	4.2	4.0	4.1	2.5	1.9	0.0
42.5°	4.2	4.2	4.2	4.2	2.7	2.0	0.0
40°	4.2	4.2	4.2	4.2	2.9	2.2	0.0
37.5°	4.2	4.2	4.2	4.2	3.1	2.3	0.0
35°	4.2	4.2	4.2	4.2	3.3	2.5	0.0
32.5°	4.3	4.2	4.2	4.2	3.5	2.6	0.0
30°	4.7	4.2	4.2	4.2	3.6	2.7	0.0
27.5°	5.2	4.2	4.2	4.2	3.8	2.9	0.0
25°	5.7	4.2	4.2	4.2	3.9	3.0	0.0
22.5°	6.2	4.3	4.2	4.2	4.0	3.1	0.0
20°	6.7	4.6	4.2	4.2	4.0	3.3	0.0
17.5°	7.5	4.9	4.2	4.2	4.1	3.4	0.0
15°	8.3	5.4	4.2	4.2	4.1	3.5	0.0
12.5°	9.1	5.8	4.2	4.2	4.2	3.7	0.0
10°	9.9	6.3	4.2	4.2	4.2	3.8	0.0
7.5°	10.6	6.8	4.2	4.2	4.2	3.9	0.0
5°	11.3	7.3	4.2	4.2	4.2	4.0	0.0
2.5°	11.9	7.8	4.2	4.2	4.2	4.1	0.0
0°	12.5	8.3	4.2	4.2	4.2	4.2	0.0
-2.5°	13.6	8.7	4.6	4.2	4.2	4.2	0.0
-5°	14.6	9.2	4.9	4.2	4.2	4.2	0.0
-7.5°	15.6	9.5	5.2	4.2	4.2	4.2	0.0
-10°	16.4	9.8	5.5	4.2	4.2	4.1	0.0
-12.5°	17.1	10.1	5.8	4.2	4.2	4.1	0.0
-15°	17.6	10.3	6.0	4.2	4.2	4.1	0.0
-17.5°	17.9	10.5	6.2	4.2	4.2	4.0	0.0
-20°	18.2	10.7	6.3	4.2	4.2	3.9	0.0

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CATALOG NUMBER: GFLD-SA3D-730-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.4	10.8	6.4	4.2	4.2	3.9	0.0
-25°	18.5	11.0	6.4	4.2	4.2	3.8	0.0
-27.5°	18.5	11.3	6.3	4.2	4.2	3.7	0.0
-30°	18.4	11.5	6.1	4.2	4.2	3.6	0.0
-32.5°	18.2	11.6	6.1	4.2	4.2	3.5	0.0
-35°	18.1	11.6	6.0	4.2	4.2	3.4	0.0
-37.5°	18.1	11.4	5.9	4.2	4.2	3.3	0.0
-40°	17.8	11.2	5.7	4.2	4.2	3.2	0.0
-42.5°	17.5	10.9	5.6	4.2	4.2	3.1	0.0
-45°	16.9	10.5	5.8	4.3	4.2	3.0	0.0
-47.5°	16.3	9.9	5.9	4.4	4.2	2.8	0.0
-50°	15.4	9.3	5.9	4.5	4.2	2.7	0.0
-52.5°	14.5	8.5	5.9	4.5	4.2	2.6	0.0
-55°	13.3	8.3	5.9	4.5	4.2	2.4	0.0
-57.5°	12.1	8.1	5.8	4.5	4.2	2.3	0.0
-60°	10.8	7.8	5.7	4.5	4.2	2.1	0.0
-62.5°	10.3	7.5	5.5	4.5	3.9	1.9	0.0
-65°	9.6	7.1	5.3	4.4	3.5	1.8	0.0
-67.5°	8.9	6.6	5.1	4.3	3.2	1.6	0.0
-70°	8.1	6.1	4.9	4.2	2.9	1.4	0.0
-72.5°	7.2	5.6	4.6	3.8	2.5	1.3	0.0
-75°	6.3	5.0	4.3	3.3	2.2	1.1	0.0
-77.5°	5.3	4.4	3.6	2.7	1.8	0.9	0.0
-80°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)