

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: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627128 (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-722-U-NR-VSR-XX  
 Description: GALLEON FLOOD, THREE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
 Light Source: (48) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: -

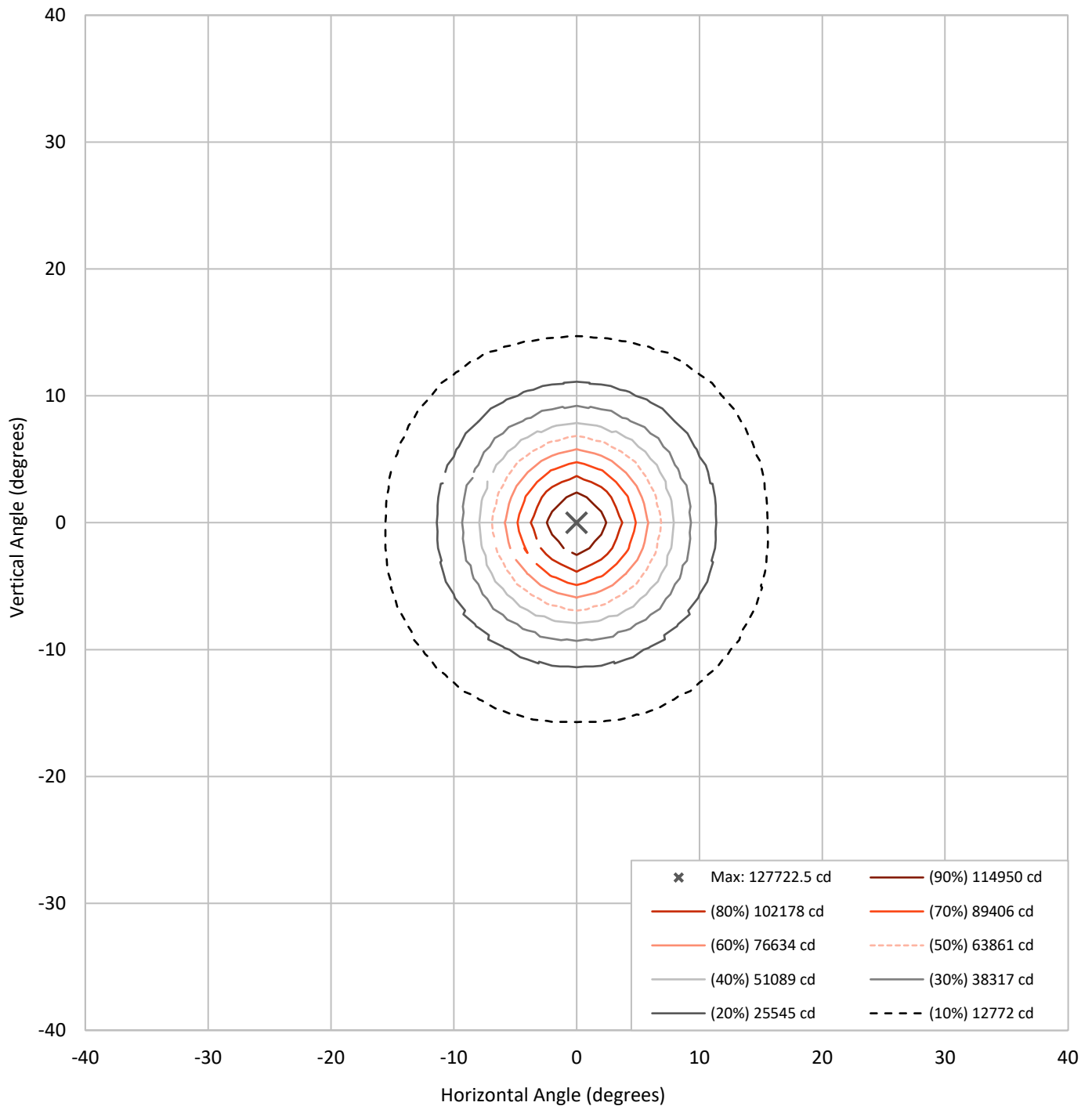
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12600.1 lumens	Max Intensity:	127722.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.5 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:	4022.5 lumens	Field Lumens:	8959.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	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					
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	0.0			
50		0.0	0.1	0.3	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.3	0.1	0.0				
40	0.1	0.1	0.4	1.1	2.1	3.0	4.2	5.0	5.0	4.2	3.0	2.1	1.1	0.4	0.1	0.1			
30		0.2	0.9	2.1	3.8	6.0	10.2	13.0	13.0	10.2	6.0	3.8	2.1	0.9	0.2				
20	0.1	0.4	1.4	3.2	5.9	12.8	34.2	56.7	56.7	34.2	12.8	5.9	3.2	1.4	0.4	0.1			
10		0.5	1.9	4.5	9.7	38.3	161.5	355.0	355.0	161.5	38.3	9.7	4.5	1.9	0.5				
0	0.2	0.7	2.3	5.3	13.2	71.9	387.0	1735.7	1735.7	387.0	71.9	13.2	5.3	2.3	0.7	0.2			
-10		0.8	2.6	5.6	14.2	76.6	400.6	1765.2	1765.2	400.6	76.6	14.2	5.6	2.6	0.8				
-20	0.2	0.8	2.6	5.5	12.5	48.8	194.5	415.9	415.9	194.5	48.8	12.5	5.5	2.6	0.8	0.2			
-30		0.8	2.5	5.0	9.6	22.8	59.9	99.9	99.9	59.9	22.8	9.6	5.0	2.5	0.8				
-40	0.2	0.7	2.2	4.4	7.5	12.5	20.4	25.9	25.9	20.4	12.5	7.5	4.4	2.2	0.7	0.2			
-50		0.6	1.8	3.7	6.1	8.7	11.8	13.1	13.1	11.8	8.7	6.1	3.7	1.8	0.6				
-60	0.2	0.4	1.4	2.9	4.8	6.7	8.5	9.3	9.3	8.5	6.7	4.8	2.9	1.4	0.4	0.2			
-70		0.3	0.9	1.9	3.2	4.7	5.9	6.5	6.5	5.9	4.7	3.2	1.9	0.9	0.3				
-80	0.1	0.8		3.2		7.0		8.8		7.0		3.2		0.8		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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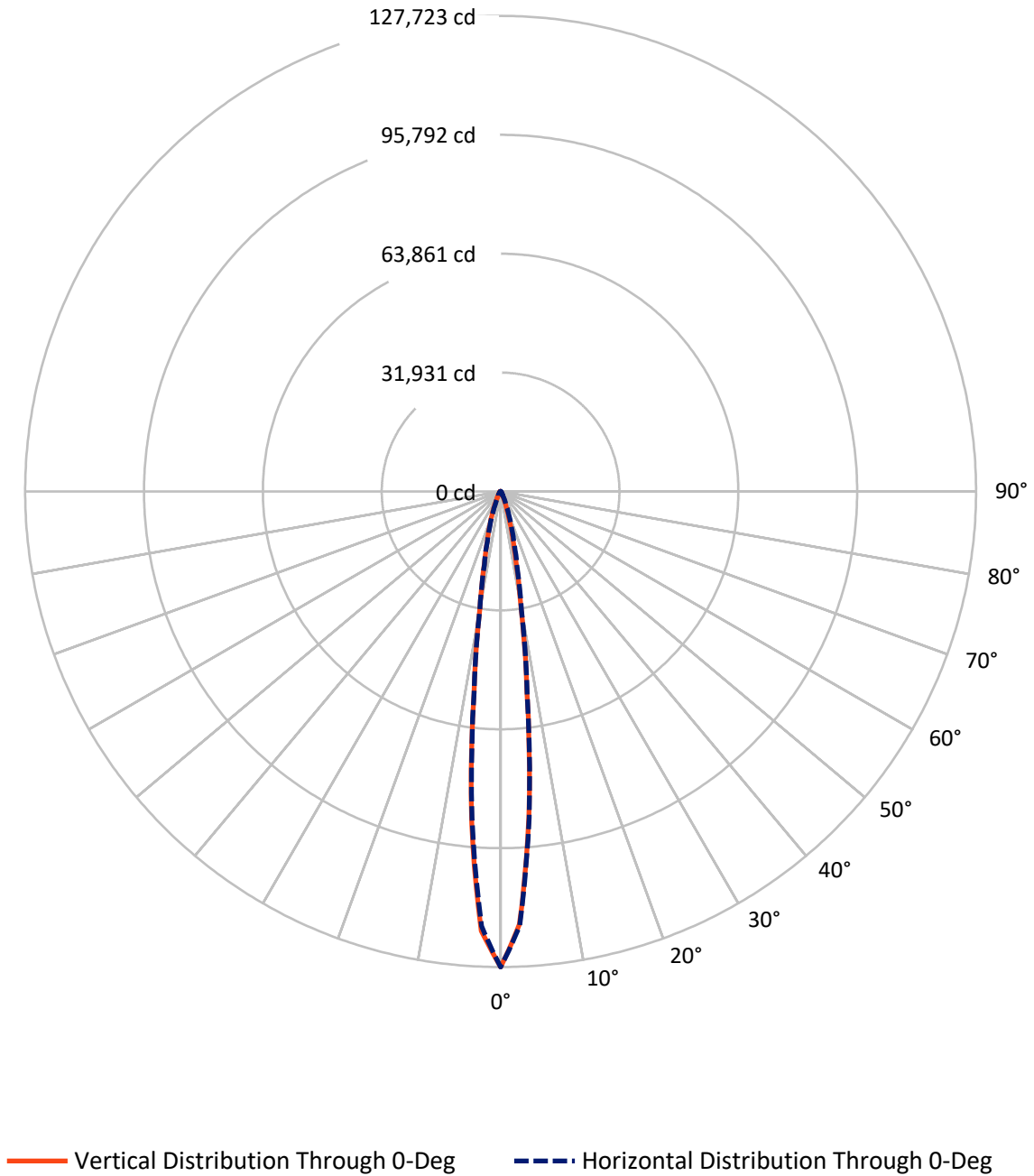
Scaled Data Report



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

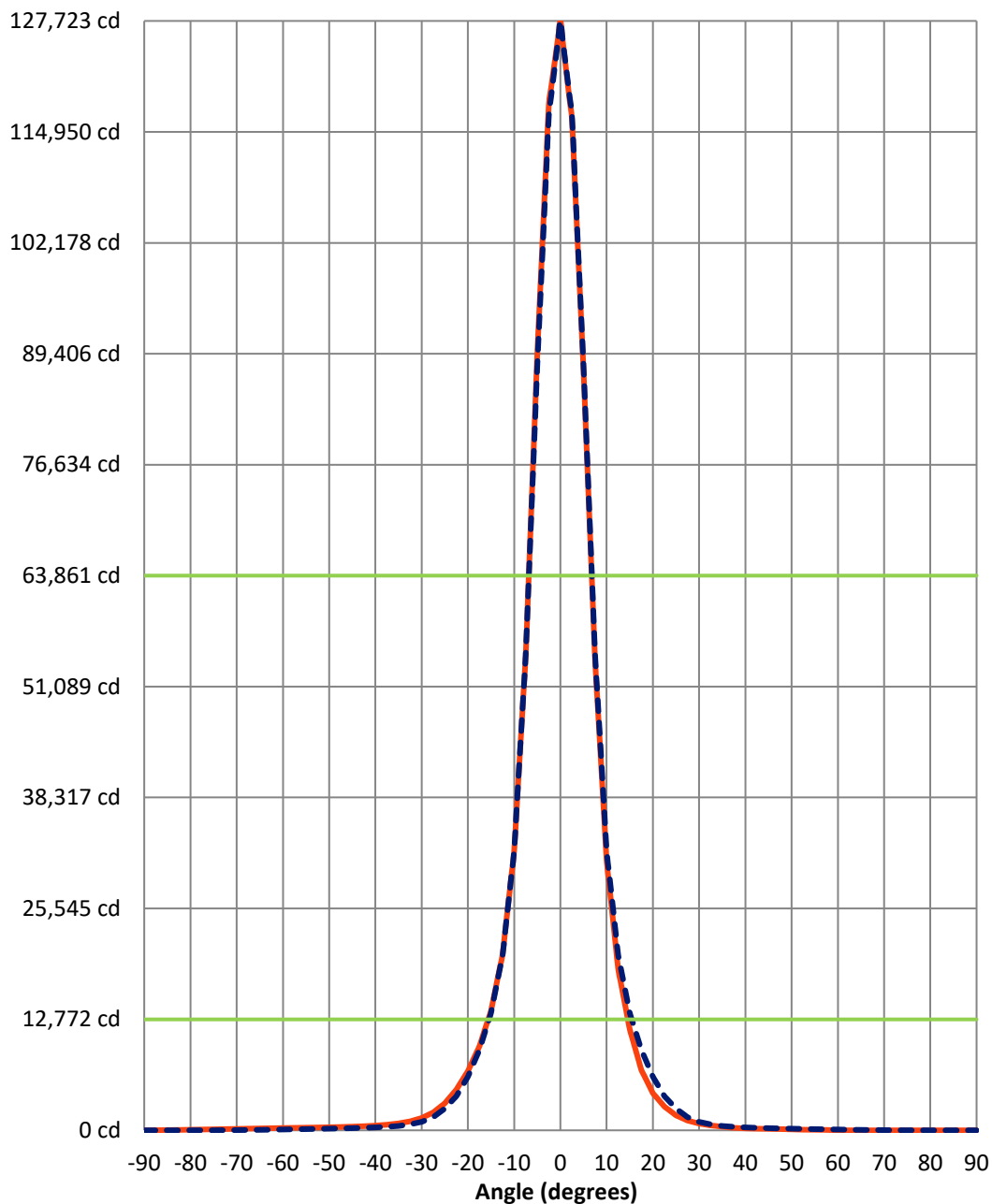
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 4022.5  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 8959.5  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 3640.6  
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.3	0.4	0.1	0.2	0.6	0.6	0.3
70°	0.0	0.5	0.1	0.1	0.5	0.6	0.3	0.8	1.1	1.0	0.4
67.5°	0.0	0.6	0.2	0.3	0.8	0.8	1.0	1.5	1.7	1.1	0.5
65°	0.0	0.6	0.2	0.6	1.1	1.2	1.6	2.2	1.8	1.2	0.8
62.5°	0.0	0.7	0.3	0.9	1.4	1.5	2.1	2.5	1.9	1.4	1.7
60°	0.0	0.8	0.4	1.1	1.7	1.9	2.6	2.6	2.0	1.9	2.5
57.5°	0.0	0.8	0.6	1.4	1.9	2.2	2.7	2.7	2.3	2.4	2.7
55°	0.0	0.9	0.8	1.7	2.1	2.5	2.7	2.7	2.5	2.7	2.7
52.5°	0.0	1.0	1.0	2.0	2.2	2.7	2.7	2.7	2.6	2.7	2.7
50°	0.0	1.1	1.2	2.3	2.4	2.7	2.7	2.7	2.7	2.7	3.1
47.5°	0.0	1.2	1.4	2.6	2.5	2.7	2.7	2.7	2.7	2.7	3.7
45°	0.0	1.2	1.6	2.6	2.6	2.7	2.7	2.7	2.8	3.4	4.4
42.5°	0.0	1.3	1.7	2.7	2.7	2.7	2.7	2.8	3.0	4.1	6.0
40°	0.0	1.4	1.9	2.7	2.7	2.7	2.7	3.0	3.4	5.0	7.7
37.5°	0.0	1.5	2.0	2.7	2.7	2.7	2.7	3.3	4.4	6.2	9.5
35°	0.0	1.6	2.1	2.7	2.7	2.7	2.7	3.6	5.4	7.9	11.6
32.5°	0.0	1.7	2.2	2.7	2.7	2.7	2.8	4.0	6.4	9.6	14.4
30°	0.0	1.8	2.3	2.7	2.7	2.7	3.1	4.5	7.5	11.2	17.5
27.5°	0.0	1.8	2.4	2.7	2.7	2.7	3.4	5.4	8.7	12.7	20.7
25°	0.0	1.9	2.5	2.7	2.7	2.7	3.7	6.2	10.0	15.0	24.2
22.5°	0.0	2.0	2.5	2.7	2.7	2.7	4.0	7.1	11.2	17.7	28.4
20°	0.0	2.1	2.6	2.7	2.7	2.9	4.4	8.0	12.4	20.4	32.2
17.5°	0.0	2.2	2.6	2.7	2.7	3.2	4.8	8.8	13.4	23.2	35.7
15°	0.0	2.3	2.7	2.7	2.7	3.5	5.4	9.7	14.5	26.0	38.8
12.5°	0.0	2.4	2.7	2.7	2.7	3.8	5.9	10.5	15.8	28.6	41.7
10°	0.0	2.4	2.7	2.7	2.7	4.1	6.4	11.2	17.6	31.1	44.2
7.5°	0.0	2.5	2.7	2.7	2.7	4.4	6.9	11.9	19.3	33.2	46.4
5°	0.0	2.6	2.7	2.7	2.7	4.8	7.3	12.5	21.1	35.0	48.3
2.5°	0.0	2.6	2.7	2.7	2.7	5.1	7.7	13.0	22.7	36.6	50.0
0°	0.0	2.7	2.7	2.7	2.7	5.4	8.1	13.5	24.3	37.8	51.4
-2.5°	0.0	2.7	2.7	2.7	2.9	5.7	8.8	14.3	25.7	38.8	53.1
-5°	0.0	2.7	2.7	2.7	3.2	5.9	9.5	15.1	26.9	39.6	54.6
-7.5°	0.0	2.7	2.7	2.7	3.4	6.2	10.1	15.7	27.8	40.2	55.6
-10°	0.0	2.7	2.7	2.7	3.6	6.4	10.6	16.3	28.5	40.7	56.3
-12.5°	0.0	2.6	2.7	2.7	3.8	6.6	11.0	16.8	29.0	41.1	57.4
-15°	0.0	2.6	2.7	2.7	3.9	6.7	11.4	17.2	29.1	41.9	58.3
-17.5°	0.0	2.6	2.7	2.7	4.0	6.8	11.6	17.6	28.9	42.3	58.8
-20°	0.0	2.5	2.7	2.7	4.1	6.9	11.8	18.0	28.5	42.3	58.7

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CATALOG NUMBER: GFLD-SA3C-722-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	2.5	2.7	2.7	4.1	7.0	11.9	18.2	27.8	41.8	58.0
-25°	0.0	2.4	2.7	2.7	4.1	7.2	12.0	18.3	27.0	40.8	56.7
-27.5°	0.0	2.4	2.7	2.7	4.1	7.3	12.0	18.2	25.9	39.5	55.5
-30°	0.0	2.3	2.7	2.7	4.0	7.5	11.9	18.0	25.3	38.0	53.7
-32.5°	0.0	2.3	2.7	2.7	4.0	7.5	11.8	17.8	25.0	36.3	51.1
-35°	0.0	2.2	2.7	2.7	3.9	7.5	11.8	17.6	24.5	34.4	47.9
-37.5°	0.0	2.1	2.7	2.7	3.8	7.4	11.7	17.2	23.8	32.2	46.0
-40°	0.0	2.1	2.7	2.7	3.7	7.3	11.6	16.8	22.9	30.8	44.3
-42.5°	0.0	2.0	2.7	2.7	3.6	7.1	11.3	16.4	22.2	30.2	42.2
-45°	0.0	1.9	2.7	2.8	3.7	6.8	11.0	15.9	21.5	29.3	39.9
-47.5°	0.0	1.8	2.7	2.9	3.8	6.4	10.5	15.3	20.8	28.0	38.4
-50°	0.0	1.7	2.7	2.9	3.8	6.0	10.0	14.6	20.0	27.0	36.4
-52.5°	0.0	1.6	2.7	2.9	3.8	5.5	9.4	13.9	19.0	25.5	34.0
-55°	0.0	1.5	2.7	2.9	3.8	5.3	8.6	12.9	17.9	23.5	31.5
-57.5°	0.0	1.5	2.7	2.9	3.8	5.2	7.8	11.9	16.6	21.8	28.6
-60°	0.0	1.3	2.7	2.9	3.7	5.1	7.0	10.8	15.1	20.1	25.6
-62.5°	0.0	1.2	2.5	2.9	3.6	4.8	6.6	9.5	13.6	18.2	23.3
-65°	0.0	1.1	2.3	2.8	3.5	4.6	6.2	8.4	11.9	16.1	20.8
-67.5°	0.0	1.0	2.1	2.8	3.3	4.3	5.8	7.7	10.1	13.9	18.1
-70°	0.0	0.9	1.8	2.7	3.1	4.0	5.2	6.9	9.0	11.5	15.3
-72.5°	0.0	0.8	1.6	2.4	2.9	3.6	4.7	6.1	7.9	10.0	12.5
-75°	0.0	0.7	1.4	2.1	2.7	3.2	4.1	5.3	6.7	8.5	10.6
-77.5°	0.0	0.6	1.2	1.7	2.3	2.8	3.4	4.6	5.8	7.0	8.5
-80°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.8	5.0	6.1	7.2
-82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	3.0	4.1	5.1	6.1
-85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	2.0	2.8	3.6	4.5
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.8	2.3
-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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.8	0.9	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.3	1.8	1.3	0.7	0.0	0.6	0.9	0.7	0.1	0.0	0.0
62.5°	2.5	2.1	1.5	1.1	1.5	2.0	1.6	0.9	0.3	1.3	1.9
60°	2.7	2.3	1.9	2.1	2.7	2.4	1.8	2.6	4.0	5.0	6.0
57.5°	2.7	2.5	2.4	2.9	3.1	3.1	4.7	6.3	9.0	11.1	12.6
55°	2.8	2.7	3.1	3.7	4.5	6.5	8.8	12.4	15.3	19.8	23.6
52.5°	3.1	3.1	4.1	5.5	8.2	11.1	15.3	20.4	26.2	30.6	35.2
50°	3.5	4.5	5.8	9.3	12.9	17.6	24.4	31.9	36.8	41.7	48.3
47.5°	4.8	6.1	9.5	13.5	18.8	26.2	35.7	41.1	46.0	53.7	61.8
45°	6.5	9.2	13.4	18.9	26.2	36.6	44.1	48.6	56.9	65.8	75.1
42.5°	8.3	12.7	18.4	24.3	35.7	45.6	52.4	59.4	67.8	78.1	88.3
40°	11.2	16.1	23.8	33.1	44.7	54.4	62.9	70.9	79.2	92.7	103.5
37.5°	14.2	21.4	30.1	41.7	53.7	64.3	73.7	83.8	95.6	110.9	120.6
35°	17.1	26.8	37.5	49.8	62.5	74.5	85.9	97.6	112.9	127.4	139.0
32.5°	21.2	32.3	44.4	57.7	70.8	84.4	98.2	112.2	127.3	142.1	157.3
30°	26.3	38.3	51.0	65.2	78.4	94.1	110.1	125.0	140.2	155.8	172.9
27.5°	31.5	43.8	57.6	71.9	85.7	103.6	121.0	136.5	152.0	168.8	188.4
25°	36.3	49.5	63.7	77.9	94.2	113.4	132.3	150.2	163.4	182.5	205.4
22.5°	40.9	54.9	70.3	83.3	102.3	123.2	145.2	164.5	180.1	197.2	223.2
20°	45.5	60.5	76.3	90.9	110.4	132.9	159.0	178.9	198.3	220.3	246.8
17.5°	49.8	65.8	82.4	99.7	120.3	143.5	173.1	193.5	216.6	242.9	276.4
15°	53.9	70.6	88.4	107.9	129.2	154.2	182.8	208.1	235.7	266.2	305.7
12.5°	57.7	75.0	94.4	115.4	137.0	163.4	190.8	217.8	249.6	289.4	339.1
10°	61.3	79.0	100.1	122.4	143.8	171.1	197.9	226.0	259.5	303.3	360.2
7.5°	64.2	83.1	105.6	128.7	149.6	177.5	204.1	232.7	267.9	314.8	374.3
5°	66.6	87.3	110.7	132.7	154.5	183.0	209.2	238.0	274.5	323.7	384.5
2.5°	68.7	91.2	115.2	135.7	158.7	188.0	213.3	244.0	281.3	330.7	394.0
0°	70.3	94.6	119.0	137.9	162.2	191.9	216.3	248.7	286.6	335.2	402.8
-2.5°	73.6	97.4	121.3	140.4	165.9	192.6	218.3	249.4	288.6	338.7	404.4
-5°	76.3	99.7	122.9	142.4	168.7	192.5	219.1	248.8	289.3	340.7	407.4
-7.5°	78.4	101.4	124.0	143.9	170.2	193.4	220.3	250.7	291.4	342.6	411.2
-10°	79.8	102.7	124.9	145.9	170.6	194.3	220.8	251.2	291.0	341.4	409.1
-12.5°	80.5	103.4	125.3	146.9	170.5	194.2	220.1	250.0	288.0	337.1	400.8
-15°	80.8	103.7	125.2	147.0	170.1	193.1	218.4	247.2	282.6	329.9	387.7
-17.5°	80.5	103.6	124.7	146.1	169.5	190.8	215.7	243.3	277.2	321.4	377.0
-20°	79.8	103.0	123.8	144.2	168.6	188.8	213.0	239.7	271.6	311.6	361.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	78.7	102.0	122.4	142.2	165.6	186.9	209.5	235.0	263.5	299.7	343.9
-25°	77.4	100.1	120.7	140.7	162.2	183.9	205.1	229.3	255.5	290.3	330.0
-27.5°	75.7	97.8	118.3	138.6	158.6	180.0	200.6	223.5	249.5	280.1	315.7
-30°	73.2	94.5	115.1	135.7	155.4	175.5	195.5	217.3	241.7	270.7	303.5
-32.5°	70.0	90.8	110.9	131.3	151.8	171.1	189.8	210.8	233.8	259.1	290.3
-35°	66.8	86.9	106.5	125.9	147.5	166.1	184.1	203.3	224.7	248.3	273.7
-37.5°	63.8	82.6	101.7	120.1	140.6	159.9	177.4	195.7	215.5	237.1	260.2
-40°	60.6	78.1	96.7	114.6	132.6	152.3	169.8	187.4	205.7	227.4	247.9
-42.5°	57.2	74.3	91.5	109.0	126.2	143.8	161.3	178.2	197.5	218.0	238.2
-45°	54.4	70.2	86.3	103.3	120.2	136.1	152.5	168.3	187.9	208.4	228.1
-47.5°	51.1	66.1	81.7	97.1	113.7	129.6	144.4	160.3	177.0	196.3	217.0
-50°	47.7	61.9	76.3	90.8	106.5	122.4	137.5	152.2	167.9	183.8	201.6
-52.5°	44.9	57.3	70.5	83.9	98.7	114.3	129.5	144.2	158.7	173.6	188.8
-55°	41.5	52.8	64.5	77.0	90.0	104.9	119.9	134.4	149.1	163.1	178.0
-57.5°	37.7	47.9	58.5	70.2	82.1	94.3	108.8	123.2	137.1	151.2	166.6
-60°	33.3	42.5	52.2	63.0	74.5	85.7	97.5	110.7	124.2	137.6	151.8
-62.5°	28.9	36.8	45.6	55.0	65.6	76.6	87.3	98.6	110.7	122.4	134.7
-65°	25.9	31.5	38.9	47.3	56.0	65.8	76.0	86.4	97.0	106.9	116.4
-67.5°	22.7	27.8	33.2	39.4	47.3	55.6	63.8	73.1	82.6	91.7	100.5
-70°	19.4	23.9	28.7	33.8	39.5	46.3	53.9	61.4	68.7	76.3	84.5
-72.5°	15.9	19.8	23.9	28.4	33.2	38.6	44.5	50.9	57.4	63.7	70.1
-75°	13.0	15.6	19.0	22.8	26.9	31.1	35.4	40.4	46.0	51.5	56.9
-77.5°	10.7	13.1	15.4	17.8	20.7	24.6	28.3	32.1	35.9	40.1	44.6
-80°	8.7	10.6	12.7	14.8	16.8	19.2	21.8	24.8	27.5	30.2	33.3
-82.5°	7.3	8.7	10.2	11.9	13.0	14.3	15.7	17.4	19.2	21.1	23.0
-85°	5.6	6.7	7.7	8.9	9.4	10.0	10.7	11.4	12.6	13.7	14.8
-87.5°	2.8	3.4	4.0	4.6	4.9	5.2	5.5	5.7	6.5	7.2	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-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°	0.1	0.0	0.0	0.0	0.0	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	1.6	1.3	2.1	2.8	3.1	3.0	2.7	2.5	2.1	1.9	2.2
60°	6.5	6.4	8.8	10.1	9.2	6.5	10.2	12.0	11.5	9.9	9.8
57.5°	15.8	19.3	21.7	22.8	26.4	32.2	33.3	31.4	30.7	31.4	36.2
55°	27.5	30.2	31.7	36.6	40.9	44.1	46.0	47.9	50.6	54.0	57.5
52.5°	38.9	42.7	45.6	50.0	55.2	57.0	56.5	63.2	68.4	71.7	73.1
50°	53.4	58.1	64.9	71.7	74.7	77.6	80.7	86.2	94.2	104.2	109.9
47.5°	69.1	76.5	83.5	91.4	95.3	98.4	103.0	112.6	124.0	134.8	140.3
45°	83.1	89.7	97.8	104.6	109.5	115.5	122.2	130.8	143.6	154.8	162.5
42.5°	94.4	101.9	110.2	118.4	123.4	131.5	141.6	153.3	166.7	178.3	187.0
40°	110.3	116.6	129.9	137.7	139.7	147.2	167.4	183.4	198.5	212.9	220.0
37.5°	129.5	141.8	155.5	162.6	169.6	182.8	209.9	235.9	255.1	274.5	285.2
35°	151.2	167.4	186.1	194.5	209.5	238.4	270.2	306.3	351.3	370.1	387.3
32.5°	172.4	190.5	207.8	226.6	252.7	287.3	323.1	381.7	436.4	478.7	509.6
30°	191.1	210.4	231.8	256.0	292.8	340.4	400.3	476.0	553.1	620.4	677.3
27.5°	209.7	231.6	257.0	293.1	344.9	409.6	505.1	613.2	741.9	836.7	949.9
25°	230.1	255.0	287.8	340.0	409.9	506.7	659.4	834.9	1045.9	1216.9	1395.9
22.5°	254.1	291.0	332.5	390.7	512.8	672.3	880.9	1180.9	1505.4	1805.5	2094.4
20°	283.2	333.7	400.2	507.4	664.2	900.0	1262.4	1741.1	2218.4	2726.7	3216.0
17.5°	324.7	397.4	500.8	653.4	860.0	1326.5	1914.5	2654.9	3606.2	4468.3	5221.0
15°	363.6	450.5	613.7	841.9	1202.2	1820.4	2713.5	3935.7	5418.3	6769.4	8196.6
12.5°	404.4	507.1	694.5	985.1	1485.7	2290.5	3545.7	5220.3	7076.7	9113.0	11432.6
10°	436.8	561.4	785.8	1154.2	1771.4	2773.6	4268.7	6299.6	8766.5	11780.2	15488.1
7.5°	458.6	604.9	861.3	1278.0	2034.3	3267.6	5067.4	7508.5	10592.5	14585.1	19773.4
5°	475.7	638.2	918.0	1390.9	2256.8	3644.7	5659.2	8567.0	12215.4	17564.6	26357.4
2.5°	489.4	663.7	953.1	1468.7	2396.4	3907.3	6056.2	9166.0	13181.4	19767.5	31175.0
0°	500.1	686.7	976.0	1516.6	2503.4	3933.5	6180.1	9275.6	13528.1	20165.1	32211.8
-2.5°	504.7	699.0	983.8	1527.2	2492.7	3978.7	6218.0	9363.1	13515.1	19947.3	31053.8
-5°	512.3	698.8	977.9	1516.4	2436.8	3862.0	5971.0	8873.3	12699.8	18231.7	27331.1
-7.5°	517.8	687.7	949.6	1447.7	2290.5	3610.1	5537.1	8061.5	11215.8	15416.1	21051.6
-10°	512.7	666.3	902.4	1332.5	2063.1	3205.9	4877.2	6990.0	9611.5	12724.2	16553.2
-12.5°	493.5	626.8	825.3	1171.0	1768.6	2753.1	4213.4	6012.3	7952.6	10138.7	12784.5
-15°	469.1	584.2	755.9	1060.2	1550.1	2304.3	3370.4	4829.7	6386.2	8046.0	9816.0
-17.5°	450.1	546.8	689.1	909.3	1269.7	1869.3	2707.1	3743.8	4887.6	6151.3	7200.2
-20°	424.3	500.8	620.2	800.1	1075.0	1472.3	2082.5	2835.6	3590.4	4478.9	5203.4

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

Scaled Data Report



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	398.6	465.2	556.1	687.7	892.3	1192.4	1569.4	2072.3	2624.3	3134.2	3636.3
-25°	374.7	426.0	499.5	607.5	746.2	951.1	1219.4	1507.9	1871.7	2182.2	2526.7
-27.5°	355.3	399.4	453.6	532.8	640.4	772.2	964.4	1157.7	1349.0	1505.6	1742.9
-30°	336.6	372.1	417.5	473.9	554.6	656.2	780.9	906.3	1016.7	1117.4	1241.0
-32.5°	318.3	347.1	381.9	428.8	486.7	563.0	639.7	729.6	806.3	877.2	942.7
-35°	299.9	325.6	352.0	391.6	437.8	492.0	547.7	608.6	661.8	709.5	751.7
-37.5°	283.3	305.9	330.8	360.2	397.4	438.2	483.7	527.9	563.0	594.0	619.6
-40°	269.3	289.8	311.1	334.7	363.0	395.2	433.9	470.7	495.3	514.2	529.7
-42.5°	256.7	274.8	293.0	313.0	334.7	362.6	393.1	423.6	440.3	454.9	466.1
-45°	246.7	260.6	275.9	292.9	312.2	335.5	359.5	380.6	395.4	408.0	417.4
-47.5°	233.4	246.8	260.0	274.1	292.1	311.5	331.3	347.5	360.5	371.5	378.6
-50°	218.8	232.9	245.0	257.3	273.9	290.4	306.4	319.7	332.1	342.8	348.5
-52.5°	203.6	218.7	231.5	243.5	257.4	271.8	286.2	297.7	308.5	318.6	322.8
-55°	192.7	206.7	219.8	231.2	242.6	254.1	265.8	277.7	288.4	298.1	300.9
-57.5°	181.0	195.1	208.2	218.4	228.7	239.0	249.8	260.5	270.8	280.1	282.4
-60°	166.6	181.9	193.5	203.1	213.2	223.4	232.8	242.3	251.9	260.0	262.5
-62.5°	148.3	162.3	173.7	183.9	193.6	202.5	211.6	220.5	229.2	235.5	237.6
-65°	126.4	138.3	150.1	160.7	170.2	178.8	187.3	195.4	203.2	208.9	211.6
-67.5°	109.2	117.7	127.2	136.3	145.9	154.8	162.3	169.5	176.2	180.9	183.9
-70°	92.5	100.6	109.5	118.2	126.6	133.8	139.8	145.7	151.4	155.6	158.8
-72.5°	76.6	83.5	90.8	98.5	106.1	112.7	118.2	123.5	128.5	132.1	135.0
-75°	62.2	67.9	74.1	80.3	86.5	91.6	96.3	100.8	105.2	108.4	111.0
-77.5°	49.4	54.2	59.0	63.9	68.8	72.5	75.9	79.3	82.5	85.0	87.3
-80°	36.5	40.3	44.2	48.1	52.0	54.9	57.4	59.9	62.2	63.7	65.0
-82.5°	25.0	27.6	30.3	33.1	35.9	38.0	40.0	42.0	44.0	44.7	45.2
-85°	15.9	17.2	18.7	20.2	21.7	22.9	24.0	25.1	26.1	27.0	27.9
-87.5°	8.8	9.1	9.4	9.6	9.8	10.6	11.4	12.2	13.0	13.2	13.3
-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: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-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	0.6
62.5°	2.4	2.6	2.7	2.7	2.7	2.6	2.4	2.2	1.9	2.1	2.5
60°	9.2	8.2	8.0	8.1	8.0	8.2	9.2	9.8	9.9	11.5	12.0
57.5°	41.2	45.8	47.1	46.0	47.1	45.8	41.2	36.2	31.4	30.7	31.4
55°	59.9	61.3	62.0	62.2	62.0	61.3	59.9	57.5	54.0	50.6	47.9
52.5°	73.4	72.9	72.8	73.0	72.8	72.9	73.4	73.1	71.7	68.4	63.2
50°	110.3	108.3	107.5	108.1	107.5	108.3	110.3	109.9	104.2	94.2	86.2
47.5°	141.0	141.6	142.6	143.3	142.6	141.6	141.0	140.3	134.8	124.0	112.6
45°	164.6	166.1	167.1	167.6	167.1	166.1	164.6	162.5	154.8	143.6	130.8
42.5°	188.8	189.0	188.7	189.2	188.7	189.0	188.8	187.0	178.3	166.7	153.3
40°	222.9	223.6	222.9	221.7	222.9	223.6	222.9	220.0	212.9	198.5	183.4
37.5°	291.3	292.3	289.1	286.6	289.1	292.3	291.3	285.2	274.5	255.1	235.9
35°	402.9	414.4	419.9	421.7	419.9	414.4	402.9	387.3	370.1	351.3	306.3
32.5°	531.0	547.1	555.2	562.3	555.2	547.1	531.0	509.6	478.7	436.4	381.7
30°	714.6	744.3	757.4	775.9	757.4	744.3	714.6	677.3	620.4	553.1	476.0
27.5°	1014.2	1066.3	1095.1	1121.9	1095.1	1066.3	1014.2	949.9	836.7	741.9	613.2
25°	1526.0	1626.4	1691.4	1722.1	1691.4	1626.4	1526.0	1395.9	1216.9	1045.9	834.9
22.5°	2374.0	2559.1	2701.9	2730.5	2701.9	2559.1	2374.0	2094.4	1805.5	1505.4	1180.9
20°	3690.7	3955.6	4171.0	4279.6	4171.0	3955.6	3690.7	3216.0	2726.7	2218.4	1741.1
17.5°	6117.5	6668.4	6920.1	6961.4	6920.1	6668.4	6117.5	5221.0	4468.3	3606.2	2654.9
15°	9727.8	10660.1	11251.9	11633.0	11251.9	10660.1	9727.8	8196.6	6769.4	5418.3	3935.7
12.5°	13847.1	16496.2	18003.5	18578.2	18003.5	16496.2	13847.1	11432.6	9113.0	7076.7	5220.3
10°	19437.9	25674.2	29271.5	31081.7	29271.5	25674.2	19437.9	15488.1	11780.2	8766.5	6299.6
7.5°	28926.7	38558.8	49230.7	54168.0	49230.7	38558.8	28926.7	19773.4	14585.1	10592.5	7508.5
5°	38901.8	60049.9	78611.7	87500.3	78611.7	60049.9	38901.8	26357.4	17564.6	12215.4	8567.0
2.5°	50366.6	78886.8	105255.9	116343.6	105255.9	78886.8	50366.6	31175.0	19767.5	13181.4	9166.0
0°	54779.0	88000.5	116839.7	127722.5	116839.7	88000.5	54779.0	32211.8	20165.1	13528.1	9275.6
-2.5°	51048.7	80268.4	105709.0	118144.0	105709.0	80268.4	51048.7	31053.8	19947.3	13515.1	9363.1
-5°	40560.8	60380.9	79222.0	89354.9	79222.0	60380.9	40560.8	27331.1	18231.7	12699.8	8873.3
-7.5°	29769.1	40558.9	51022.6	54681.6	51022.6	40558.9	29769.1	21051.6	15416.1	11215.8	8061.5
-10°	20725.9	26904.5	30983.0	32146.9	30983.0	26904.5	20725.9	16553.2	12724.2	9611.5	6990.0
-12.5°	15366.1	18068.6	19949.0	20276.0	19949.0	18068.6	15366.1	12784.5	10138.7	7952.6	6012.3
-15°	11378.2	12752.5	13722.4	13787.7	13722.4	12752.5	11378.2	9816.0	8046.0	6386.2	4829.7
-17.5°	8317.5	9240.1	9729.5	9694.6	9729.5	9240.1	8317.5	7200.2	6151.3	4887.6	3743.8
-20°	5947.5	6503.6	6897.9	6820.8	6897.9	6503.6	5947.5	5203.4	4478.9	3590.4	2835.6



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	4147.0	4516.1	4747.3	4687.8	4747.3	4516.1	4147.0	3636.3	3134.2	2624.3	2072.3
-25°	2817.8	3019.0	3133.4	3114.4	3133.4	3019.0	2817.8	2526.7	2182.2	1871.7	1507.9
-27.5°	1920.2	2026.5	2061.9	2060.0	2061.9	2026.5	1920.2	1742.9	1505.6	1349.0	1157.7
-30°	1332.8	1404.2	1445.0	1419.3	1445.0	1404.2	1332.8	1241.0	1117.4	1016.7	906.3
-32.5°	993.4	1033.6	1056.9	1032.7	1056.9	1033.6	993.4	942.7	877.2	806.3	729.6
-35°	782.9	803.2	811.4	797.5	811.4	803.2	782.9	751.7	709.5	661.8	608.6
-37.5°	638.3	650.2	654.2	646.1	654.2	650.2	638.3	619.6	594.0	563.0	527.9
-40°	540.8	548.1	549.9	543.4	549.9	548.1	540.8	529.7	514.2	495.3	470.7
-42.5°	473.2	477.6	478.6	475.8	478.6	477.6	473.2	466.1	454.9	440.3	423.6
-45°	422.9	426.7	427.4	424.4	427.4	426.7	422.9	417.4	408.0	395.4	380.6
-47.5°	382.2	384.5	385.1	383.9	385.1	384.5	382.2	378.6	371.5	360.5	347.5
-50°	351.0	352.6	352.8	351.5	352.8	352.6	351.0	348.5	342.8	332.1	319.7
-52.5°	324.9	326.0	326.7	327.1	326.7	326.0	324.9	322.8	318.6	308.5	297.7
-55°	302.9	304.3	305.2	305.5	305.2	304.3	302.9	300.9	298.1	288.4	277.7
-57.5°	284.2	285.5	286.3	286.6	286.3	285.5	284.2	282.4	280.1	270.8	260.5
-60°	264.7	266.3	267.3	267.6	267.3	266.3	264.7	262.5	260.0	251.9	242.3
-62.5°	239.0	239.7	240.3	240.6	240.3	239.7	239.0	237.6	235.5	229.2	220.5
-65°	213.7	215.2	216.0	216.3	216.0	215.2	213.7	211.6	208.9	203.2	195.4
-67.5°	186.3	188.2	190.2	191.9	190.2	188.2	186.3	183.9	180.9	176.2	169.5
-70°	161.6	164.0	164.7	164.9	164.7	164.0	161.6	158.8	155.6	151.4	145.7
-72.5°	137.5	139.8	141.7	143.3	141.7	139.8	137.5	135.0	132.1	128.5	123.5
-75°	113.4	115.5	116.1	116.2	116.1	115.5	113.4	111.0	108.4	105.2	100.8
-77.5°	89.4	91.4	91.8	91.9	91.8	91.4	89.4	87.3	85.0	82.5	79.3
-80°	66.2	67.2	68.8	70.3	68.8	67.2	66.2	65.0	63.7	62.2	59.9
-82.5°	45.6	45.8	46.0	46.0	46.0	45.8	45.6	45.2	44.7	44.0	42.0
-85°	28.8	29.6	29.7	29.7	29.7	29.6	28.8	27.9	27.0	26.1	25.1
-87.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.0	12.2
-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: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-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°	0.7	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.7
62.5°	2.7	3.0	3.1	2.8	2.1	1.3	1.6	1.9	1.3	0.3	0.9
60°	10.2	6.5	9.2	10.1	8.8	6.4	6.5	6.0	5.0	4.0	2.6
57.5°	33.3	32.2	26.4	22.8	21.7	19.3	15.8	12.6	11.1	9.0	6.3
55°	46.0	44.1	40.9	36.6	31.7	30.2	27.5	23.6	19.8	15.3	12.4
52.5°	56.5	57.0	55.2	50.0	45.6	42.7	38.9	35.2	30.6	26.2	20.4
50°	80.7	77.6	74.7	71.7	64.9	58.1	53.4	48.3	41.7	36.8	31.9
47.5°	103.0	98.4	95.3	91.4	83.5	76.5	69.1	61.8	53.7	46.0	41.1
45°	122.2	115.5	109.5	104.6	97.8	89.7	83.1	75.1	65.8	56.9	48.6
42.5°	141.6	131.5	123.4	118.4	110.2	101.9	94.4	88.3	78.1	67.8	59.4
40°	167.4	147.2	139.7	137.7	129.9	116.6	110.3	103.5	92.7	79.2	70.9
37.5°	209.9	182.8	169.6	162.6	155.5	141.8	129.5	120.6	110.9	95.6	83.8
35°	270.2	238.4	209.5	194.5	186.1	167.4	151.2	139.0	127.4	112.9	97.6
32.5°	323.1	287.3	252.7	226.6	207.8	190.5	172.4	157.3	142.1	127.3	112.2
30°	400.3	340.4	292.8	256.0	231.8	210.4	191.1	172.9	155.8	140.2	125.0
27.5°	505.1	409.6	344.9	293.1	257.0	231.6	209.7	188.4	168.8	152.0	136.5
25°	659.4	506.7	409.9	340.0	287.8	255.0	230.1	205.4	182.5	163.4	150.2
22.5°	880.9	672.3	512.8	390.7	332.5	291.0	254.1	223.2	197.2	180.1	164.5
20°	1262.4	900.0	664.2	507.4	400.2	333.7	283.2	246.8	220.3	198.3	178.9
17.5°	1914.5	1326.5	860.0	653.4	500.8	397.4	324.7	276.4	242.9	216.6	193.5
15°	2713.5	1820.4	1202.2	841.9	613.7	450.5	363.6	305.7	266.2	235.7	208.1
12.5°	3545.7	2290.5	1485.7	985.1	694.5	507.1	404.4	339.1	289.4	249.6	217.8
10°	4268.7	2773.6	1771.4	1154.2	785.8	561.4	436.8	360.2	303.3	259.5	226.0
7.5°	5067.4	3267.6	2034.3	1278.0	861.3	604.9	458.6	374.3	314.8	267.9	232.7
5°	5659.2	3644.7	2256.8	1390.9	918.0	638.2	475.7	384.5	323.7	274.5	238.0
2.5°	6056.2	3907.3	2396.4	1468.7	953.1	663.7	489.4	394.0	330.7	281.3	244.0
0°	6180.1	3933.5	2503.4	1516.6	976.0	686.7	500.1	402.8	335.2	286.6	248.7
-2.5°	6218.0	3978.7	2492.7	1527.2	983.8	699.0	504.7	404.4	338.7	288.6	249.4
-5°	5971.0	3862.0	2436.8	1516.4	977.9	698.8	512.3	407.4	340.7	289.3	248.8
-7.5°	5537.1	3610.1	2290.5	1447.7	949.6	687.7	517.8	411.2	342.6	291.4	250.7
-10°	4877.2	3205.9	2063.1	1332.5	902.4	666.3	512.7	409.1	341.4	291.0	251.2
-12.5°	4213.4	2753.1	1768.6	1171.0	825.3	626.8	493.5	400.8	337.1	288.0	250.0
-15°	3370.4	2304.3	1550.1	1060.2	755.9	584.2	469.1	387.7	329.9	282.6	247.2
-17.5°	2707.1	1869.3	1269.7	909.3	689.1	546.8	450.1	377.0	321.4	277.2	243.3
-20°	2082.5	1472.3	1075.0	800.1	620.2	500.8	424.3	361.3	311.6	271.6	239.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	1569.4	1192.4	892.3	687.7	556.1	465.2	398.6	343.9	299.7	263.5	235.0
-25°	1219.4	951.1	746.2	607.5	499.5	426.0	374.7	330.0	290.3	255.5	229.3
-27.5°	964.4	772.2	640.4	532.8	453.6	399.4	355.3	315.7	280.1	249.5	223.5
-30°	780.9	656.2	554.6	473.9	417.5	372.1	336.6	303.5	270.7	241.7	217.3
-32.5°	639.7	563.0	486.7	428.8	381.9	347.1	318.3	290.3	259.1	233.8	210.8
-35°	547.7	492.0	437.8	391.6	352.0	325.6	299.9	273.7	248.3	224.7	203.3
-37.5°	483.7	438.2	397.4	360.2	330.8	305.9	283.3	260.2	237.1	215.5	195.7
-40°	433.9	395.2	363.0	334.7	311.1	289.8	269.3	247.9	227.4	205.7	187.4
-42.5°	393.1	362.6	334.7	313.0	293.0	274.8	256.7	238.2	218.0	197.5	178.2
-45°	359.5	335.5	312.2	292.9	275.9	260.6	246.7	228.1	208.4	187.9	168.3
-47.5°	331.3	311.5	292.1	274.1	260.0	246.8	233.4	217.0	196.3	177.0	160.3
-50°	306.4	290.4	273.9	257.3	245.0	232.9	218.8	201.6	183.8	167.9	152.2
-52.5°	286.2	271.8	257.4	243.5	231.5	218.7	203.6	188.8	173.6	158.7	144.2
-55°	265.8	254.1	242.6	231.2	219.8	206.7	192.7	178.0	163.1	149.1	134.4
-57.5°	249.8	239.0	228.7	218.4	208.2	195.1	181.0	166.6	151.2	137.1	123.2
-60°	232.8	223.4	213.2	203.1	193.5	181.9	166.6	151.8	137.6	124.2	110.7
-62.5°	211.6	202.5	193.6	183.9	173.7	162.3	148.3	134.7	122.4	110.7	98.6
-65°	187.3	178.8	170.2	160.7	150.1	138.3	126.4	116.4	106.9	97.0	86.4
-67.5°	162.3	154.8	145.9	136.3	127.2	117.7	109.2	100.5	91.7	82.6	73.1
-70°	139.8	133.8	126.6	118.2	109.5	100.6	92.5	84.5	76.3	68.7	61.4
-72.5°	118.2	112.7	106.1	98.5	90.8	83.5	76.6	70.1	63.7	57.4	50.9
-75°	96.3	91.6	86.5	80.3	74.1	67.9	62.2	56.9	51.5	46.0	40.4
-77.5°	75.9	72.5	68.8	63.9	59.0	54.2	49.4	44.6	40.1	35.9	32.1
-80°	57.4	54.9	52.0	48.1	44.2	40.3	36.5	33.3	30.2	27.5	24.8
-82.5°	40.0	38.0	35.9	33.1	30.3	27.6	25.0	23.0	21.1	19.2	17.4
-85°	24.0	22.9	21.7	20.2	18.7	17.2	15.9	14.8	13.7	12.6	11.4
-87.5°	11.4	10.6	9.8	9.6	9.4	9.1	8.8	8.0	7.2	6.5	5.7
-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: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-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	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.6	0.2
70°	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.4	1.0	1.1	0.8
67.5°	0.0	0.0	0.0	0.6	0.9	0.8	0.2	0.5	1.1	1.7	1.5
65°	0.9	0.6	0.0	0.7	1.3	1.8	1.3	0.8	1.2	1.8	2.2
62.5°	1.6	2.0	1.5	1.1	1.5	2.1	2.5	1.7	1.4	1.9	2.5
60°	1.8	2.4	2.7	2.1	1.9	2.3	2.7	2.5	1.9	2.0	2.6
57.5°	4.7	3.1	3.1	2.9	2.4	2.5	2.7	2.7	2.4	2.3	2.7
55°	8.8	6.5	4.5	3.7	3.1	2.7	2.8	2.7	2.7	2.5	2.7
52.5°	15.3	11.1	8.2	5.5	4.1	3.1	3.1	2.7	2.7	2.6	2.7
50°	24.4	17.6	12.9	9.3	5.8	4.5	3.5	3.1	2.7	2.7	2.7
47.5°	35.7	26.2	18.8	13.5	9.5	6.1	4.8	3.7	2.7	2.7	2.7
45°	44.1	36.6	26.2	18.9	13.4	9.2	6.5	4.4	3.4	2.8	2.7
42.5°	52.4	45.6	35.7	24.3	18.4	12.7	8.3	6.0	4.1	3.0	2.8
40°	62.9	54.4	44.7	33.1	23.8	16.1	11.2	7.7	5.0	3.4	3.0
37.5°	73.7	64.3	53.7	41.7	30.1	21.4	14.2	9.5	6.2	4.4	3.3
35°	85.9	74.5	62.5	49.8	37.5	26.8	17.1	11.6	7.9	5.4	3.6
32.5°	98.2	84.4	70.8	57.7	44.4	32.3	21.2	14.4	9.6	6.4	4.0
30°	110.1	94.1	78.4	65.2	51.0	38.3	26.3	17.5	11.2	7.5	4.5
27.5°	121.0	103.6	85.7	71.9	57.6	43.8	31.5	20.7	12.7	8.7	5.4
25°	132.3	113.4	94.2	77.9	63.7	49.5	36.3	24.2	15.0	10.0	6.2
22.5°	145.2	123.2	102.3	83.3	70.3	54.9	40.9	28.4	17.7	11.2	7.1
20°	159.0	132.9	110.4	90.9	76.3	60.5	45.5	32.2	20.4	12.4	8.0
17.5°	173.1	143.5	120.3	99.7	82.4	65.8	49.8	35.7	23.2	13.4	8.8
15°	182.8	154.2	129.2	107.9	88.4	70.6	53.9	38.8	26.0	14.5	9.7
12.5°	190.8	163.4	137.0	115.4	94.4	75.0	57.7	41.7	28.6	15.8	10.5
10°	197.9	171.1	143.8	122.4	100.1	79.0	61.3	44.2	31.1	17.6	11.2
7.5°	204.1	177.5	149.6	128.7	105.6	83.1	64.2	46.4	33.2	19.3	11.9
5°	209.2	183.0	154.5	132.7	110.7	87.3	66.6	48.3	35.0	21.1	12.5
2.5°	213.3	188.0	158.7	135.7	115.2	91.2	68.7	50.0	36.6	22.7	13.0
0°	216.3	191.9	162.2	137.9	119.0	94.6	70.3	51.4	37.8	24.3	13.5
-2.5°	218.3	192.6	165.9	140.4	121.3	97.4	73.6	53.1	38.8	25.7	14.3
-5°	219.1	192.5	168.7	142.4	122.9	99.7	76.3	54.6	39.6	26.9	15.1
-7.5°	220.3	193.4	170.2	143.9	124.0	101.4	78.4	55.6	40.2	27.8	15.7
-10°	220.8	194.3	170.6	145.9	124.9	102.7	79.8	56.3	40.7	28.5	16.3
-12.5°	220.1	194.2	170.5	146.9	125.3	103.4	80.5	57.4	41.1	29.0	16.8
-15°	218.4	193.1	170.1	147.0	125.2	103.7	80.8	58.3	41.9	29.1	17.2
-17.5°	215.7	190.8	169.5	146.1	124.7	103.6	80.5	58.8	42.3	28.9	17.6
-20°	213.0	188.8	168.6	144.2	123.8	103.0	79.8	58.7	42.3	28.5	18.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	209.5	186.9	165.6	142.2	122.4	102.0	78.7	58.0	41.8	27.8	18.2
-25°	205.1	183.9	162.2	140.7	120.7	100.1	77.4	56.7	40.8	27.0	18.3
-27.5°	200.6	180.0	158.6	138.6	118.3	97.8	75.7	55.5	39.5	25.9	18.2
-30°	195.5	175.5	155.4	135.7	115.1	94.5	73.2	53.7	38.0	25.3	18.0
-32.5°	189.8	171.1	151.8	131.3	110.9	90.8	70.0	51.1	36.3	25.0	17.8
-35°	184.1	166.1	147.5	125.9	106.5	86.9	66.8	47.9	34.4	24.5	17.6
-37.5°	177.4	159.9	140.6	120.1	101.7	82.6	63.8	46.0	32.2	23.8	17.2
-40°	169.8	152.3	132.6	114.6	96.7	78.1	60.6	44.3	30.8	22.9	16.8
-42.5°	161.3	143.8	126.2	109.0	91.5	74.3	57.2	42.2	30.2	22.2	16.4
-45°	152.5	136.1	120.2	103.3	86.3	70.2	54.4	39.9	29.3	21.5	15.9
-47.5°	144.4	129.6	113.7	97.1	81.7	66.1	51.1	38.4	28.0	20.8	15.3
-50°	137.5	122.4	106.5	90.8	76.3	61.9	47.7	36.4	27.0	20.0	14.6
-52.5°	129.5	114.3	98.7	83.9	70.5	57.3	44.9	34.0	25.5	19.0	13.9
-55°	119.9	104.9	90.0	77.0	64.5	52.8	41.5	31.5	23.5	17.9	12.9
-57.5°	108.8	94.3	82.1	70.2	58.5	47.9	37.7	28.6	21.8	16.6	11.9
-60°	97.5	85.7	74.5	63.0	52.2	42.5	33.3	25.6	20.1	15.1	10.8
-62.5°	87.3	76.6	65.6	55.0	45.6	36.8	28.9	23.3	18.2	13.6	9.5
-65°	76.0	65.8	56.0	47.3	38.9	31.5	25.9	20.8	16.1	11.9	8.4
-67.5°	63.8	55.6	47.3	39.4	33.2	27.8	22.7	18.1	13.9	10.1	7.7
-70°	53.9	46.3	39.5	33.8	28.7	23.9	19.4	15.3	11.5	9.0	6.9
-72.5°	44.5	38.6	33.2	28.4	23.9	19.8	15.9	12.5	10.0	7.9	6.1
-75°	35.4	31.1	26.9	22.8	19.0	15.6	13.0	10.6	8.5	6.7	5.3
-77.5°	28.3	24.6	20.7	17.8	15.4	13.1	10.7	8.5	7.0	5.8	4.6
-80°	21.8	19.2	16.8	14.8	12.7	10.6	8.7	7.2	6.1	5.0	3.8
-82.5°	15.7	14.3	13.0	11.9	10.2	8.7	7.3	6.1	5.1	4.1	3.0
-85°	10.7	10.0	9.4	8.9	7.7	6.7	5.6	4.5	3.6	2.8	2.0
-87.5°	5.5	5.2	4.9	4.6	4.0	3.4	2.8	2.3	1.8	1.4	1.0
-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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REPORT NUMBER: P627128 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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	0.2	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.4	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.5	0.1	0.1	0.5	0.0
67.5°	1.0	0.8	0.8	0.3	0.2	0.6	0.0
65°	1.6	1.2	1.1	0.6	0.2	0.6	0.0
62.5°	2.1	1.5	1.4	0.9	0.3	0.7	0.0
60°	2.6	1.9	1.7	1.1	0.4	0.8	0.0
57.5°	2.7	2.2	1.9	1.4	0.6	0.8	0.0
55°	2.7	2.5	2.1	1.7	0.8	0.9	0.0
52.5°	2.7	2.7	2.2	2.0	1.0	1.0	0.0
50°	2.7	2.7	2.4	2.3	1.2	1.1	0.0
47.5°	2.7	2.7	2.5	2.6	1.4	1.2	0.0
45°	2.7	2.7	2.6	2.6	1.6	1.2	0.0
42.5°	2.7	2.7	2.7	2.7	1.7	1.3	0.0
40°	2.7	2.7	2.7	2.7	1.9	1.4	0.0
37.5°	2.7	2.7	2.7	2.7	2.0	1.5	0.0
35°	2.7	2.7	2.7	2.7	2.1	1.6	0.0
32.5°	2.8	2.7	2.7	2.7	2.2	1.7	0.0
30°	3.1	2.7	2.7	2.7	2.3	1.8	0.0
27.5°	3.4	2.7	2.7	2.7	2.4	1.8	0.0
25°	3.7	2.7	2.7	2.7	2.5	1.9	0.0
22.5°	4.0	2.7	2.7	2.7	2.5	2.0	0.0
20°	4.4	2.9	2.7	2.7	2.6	2.1	0.0
17.5°	4.8	3.2	2.7	2.7	2.6	2.2	0.0
15°	5.4	3.5	2.7	2.7	2.7	2.3	0.0
12.5°	5.9	3.8	2.7	2.7	2.7	2.4	0.0
10°	6.4	4.1	2.7	2.7	2.7	2.4	0.0
7.5°	6.9	4.4	2.7	2.7	2.7	2.5	0.0
5°	7.3	4.8	2.7	2.7	2.7	2.6	0.0
2.5°	7.7	5.1	2.7	2.7	2.7	2.6	0.0
0°	8.1	5.4	2.7	2.7	2.7	2.7	0.0
-2.5°	8.8	5.7	2.9	2.7	2.7	2.7	0.0
-5°	9.5	5.9	3.2	2.7	2.7	2.7	0.0
-7.5°	10.1	6.2	3.4	2.7	2.7	2.7	0.0
-10°	10.6	6.4	3.6	2.7	2.7	2.7	0.0
-12.5°	11.0	6.6	3.8	2.7	2.7	2.6	0.0
-15°	11.4	6.7	3.9	2.7	2.7	2.6	0.0
-17.5°	11.6	6.8	4.0	2.7	2.7	2.6	0.0
-20°	11.8	6.9	4.1	2.7	2.7	2.5	0.0

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CATALOG NUMBER: GFLD-SA3C-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.9	7.0	4.1	2.7	2.7	2.5	0.0
-25°	12.0	7.2	4.1	2.7	2.7	2.4	0.0
-27.5°	12.0	7.3	4.1	2.7	2.7	2.4	0.0
-30°	11.9	7.5	4.0	2.7	2.7	2.3	0.0
-32.5°	11.8	7.5	4.0	2.7	2.7	2.3	0.0
-35°	11.8	7.5	3.9	2.7	2.7	2.2	0.0
-37.5°	11.7	7.4	3.8	2.7	2.7	2.1	0.0
-40°	11.6	7.3	3.7	2.7	2.7	2.1	0.0
-42.5°	11.3	7.1	3.6	2.7	2.7	2.0	0.0
-45°	11.0	6.8	3.7	2.8	2.7	1.9	0.0
-47.5°	10.5	6.4	3.8	2.9	2.7	1.8	0.0
-50°	10.0	6.0	3.8	2.9	2.7	1.7	0.0
-52.5°	9.4	5.5	3.8	2.9	2.7	1.6	0.0
-55°	8.6	5.3	3.8	2.9	2.7	1.5	0.0
-57.5°	7.8	5.2	3.8	2.9	2.7	1.5	0.0
-60°	7.0	5.1	3.7	2.9	2.7	1.3	0.0
-62.5°	6.6	4.8	3.6	2.9	2.5	1.2	0.0
-65°	6.2	4.6	3.5	2.8	2.3	1.1	0.0
-67.5°	5.8	4.3	3.3	2.8	2.1	1.0	0.0
-70°	5.2	4.0	3.1	2.7	1.8	0.9	0.0
-72.5°	4.7	3.6	2.9	2.4	1.6	0.8	0.0
-75°	4.1	3.2	2.7	2.1	1.4	0.7	0.0
-77.5°	3.4	2.8	2.3	1.7	1.2	0.6	0.0
-80°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)