

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: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626588 (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-SA1B-722-U-NR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
 Light Source: (16) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

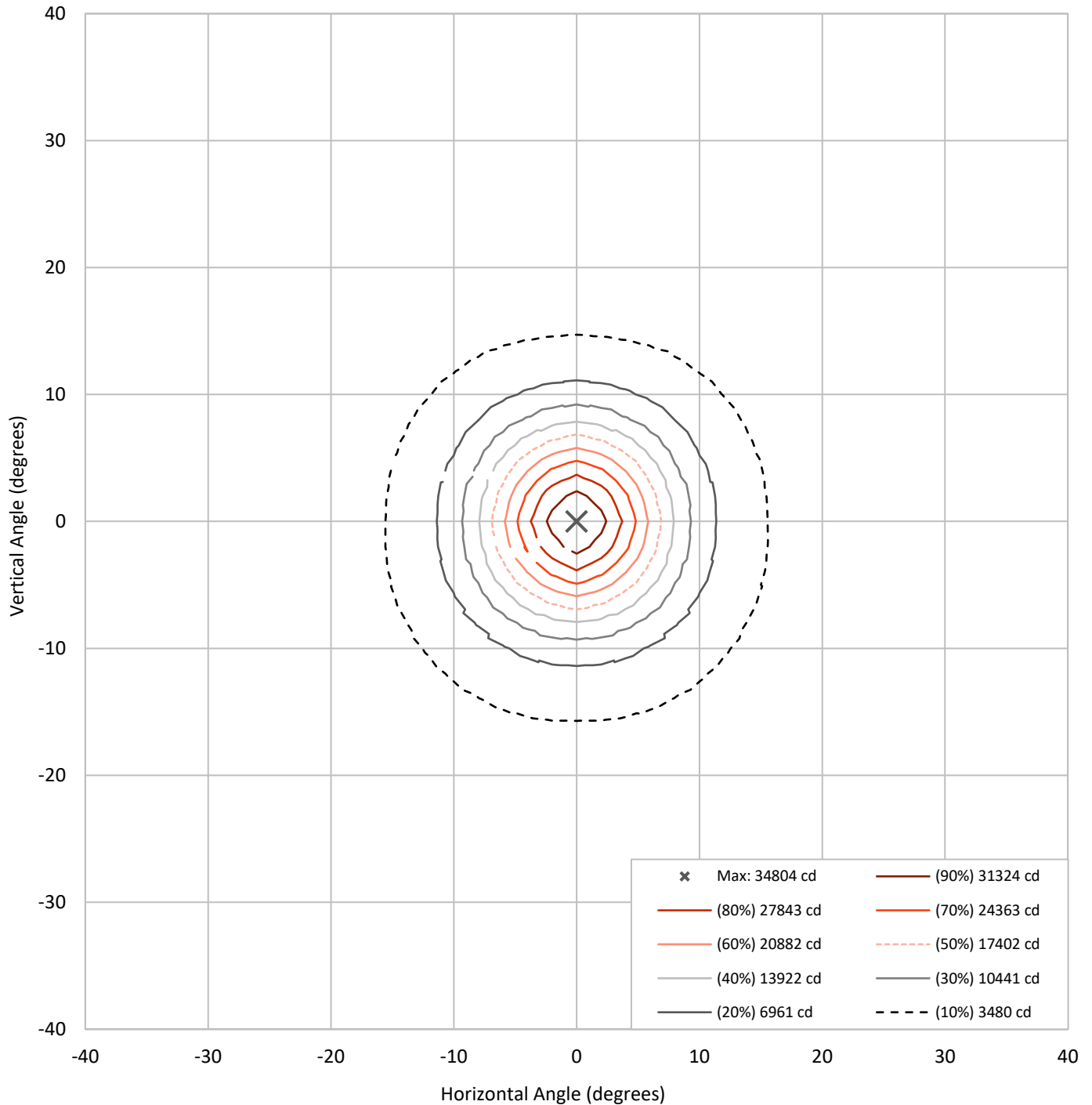
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3433.5 lumens	Max Intensity:	34804 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	1096.1 lumens	Field Lumens:	2441.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 33.5  
 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



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-722-U-NR-VSR-XX

### Iso-Candela Plot





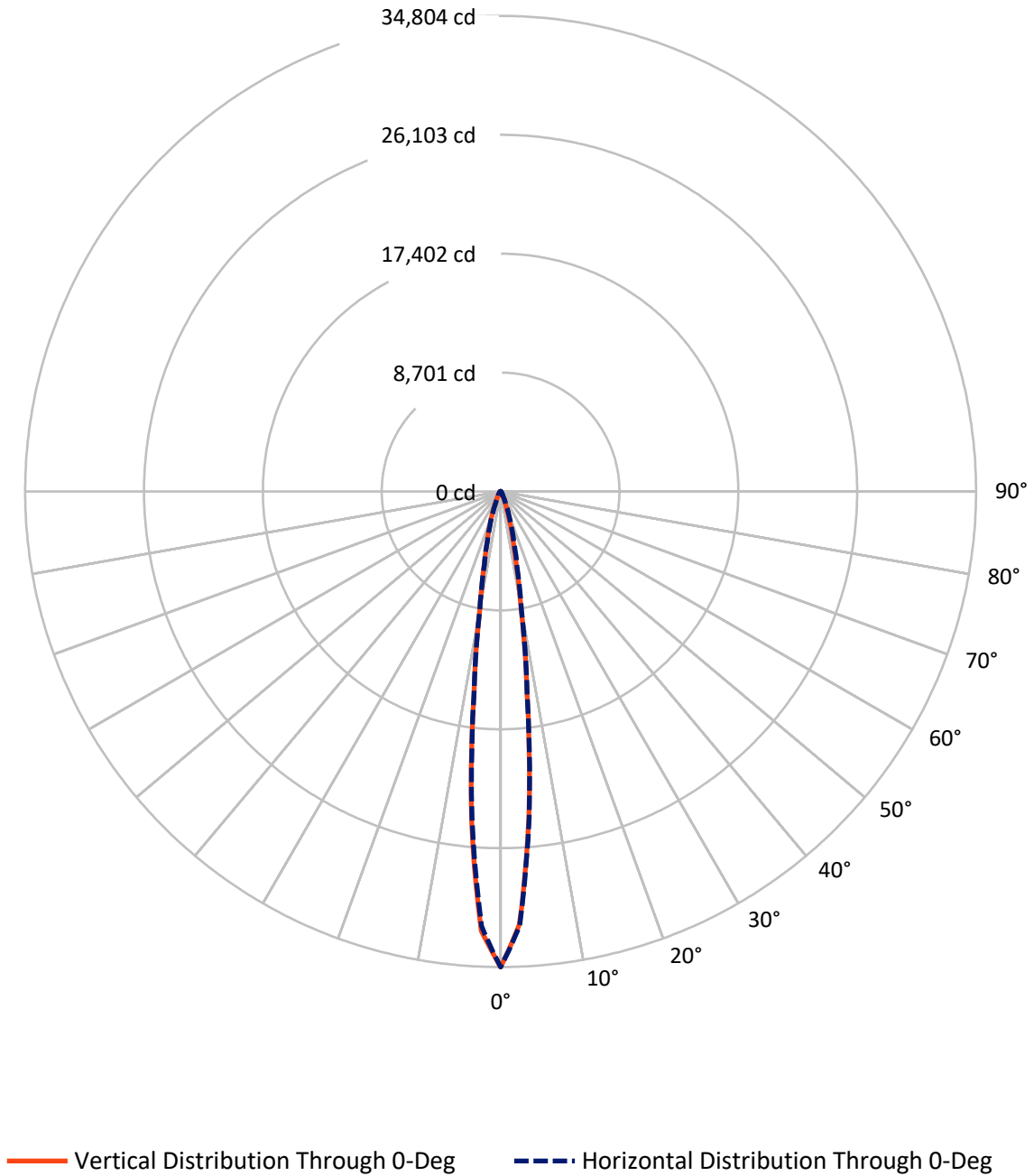
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### Lumen Table

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	0.0	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		
60		0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0			
50	0.0	0.0	0.1	0.3	0.6	0.8	1.2	1.4	1.4	1.2	0.8	0.6	0.3	0.1	0.0	0.0		
40		0.0	0.2	0.6	1.0	1.6	2.8	3.6	3.6	2.8	1.6	1.0	0.6	0.2	0.0			
30	0.0	0.1	0.4	0.9	1.6	3.5	9.3	15.4	15.4	9.3	3.5	1.6	0.9	0.4	0.1	0.0		
20		0.1	0.5	1.2	2.7	10.4	44.0	96.7	96.7	44.0	10.4	2.7	1.2	0.5	0.1			
10	0.1	0.2	0.6	1.4	3.6	19.6	105.5	473.0	473.0	105.5	19.6	3.6	1.4	0.6	0.2	0.1		
0		0.2	0.7	1.5	3.9	20.9	109.2	481.0	481.0	109.2	20.9	3.9	1.5	0.7	0.2			
-10	0.1	0.2	0.7	1.5	3.4	13.3	53.0	113.3	113.3	53.0	13.3	3.4	1.5	0.7	0.2	0.1		
-20		0.2	0.7	1.4	2.6	6.2	16.3	27.2	27.2	16.3	6.2	2.6	1.4	0.7	0.2			
-30	0.1	0.2	0.6	1.2	2.1	3.4	5.6	7.1	7.1	5.6	3.4	2.1	1.2	0.6	0.2	0.1		
-40		0.2	0.5	1.0	1.7	2.4	3.2	3.6	3.6	3.2	2.4	1.7	1.0	0.5	0.2			
-50	0.0	0.1	0.4	0.8	1.3	1.8	2.3	2.5	2.5	2.3	1.8	1.3	0.8	0.4	0.1	0.0		
-60		0.1	0.2	0.5	0.9	1.3	1.6	1.8	1.8	1.6	1.3	0.9	0.5	0.2	0.1			
-70	0.0	0.2	0.9	1.9	2.4	1.9	0.9	0.2	0.0	0.0								
-80		0.2	0.9	1.9	2.4	1.9	0.9	0.2	0.0									
-90	0.0	0.2	0.9	1.9	2.4	1.9	0.9	0.2	0.0	0.0	0.2	0.9	1.9	2.4	1.9	0.9	0.2	0.0

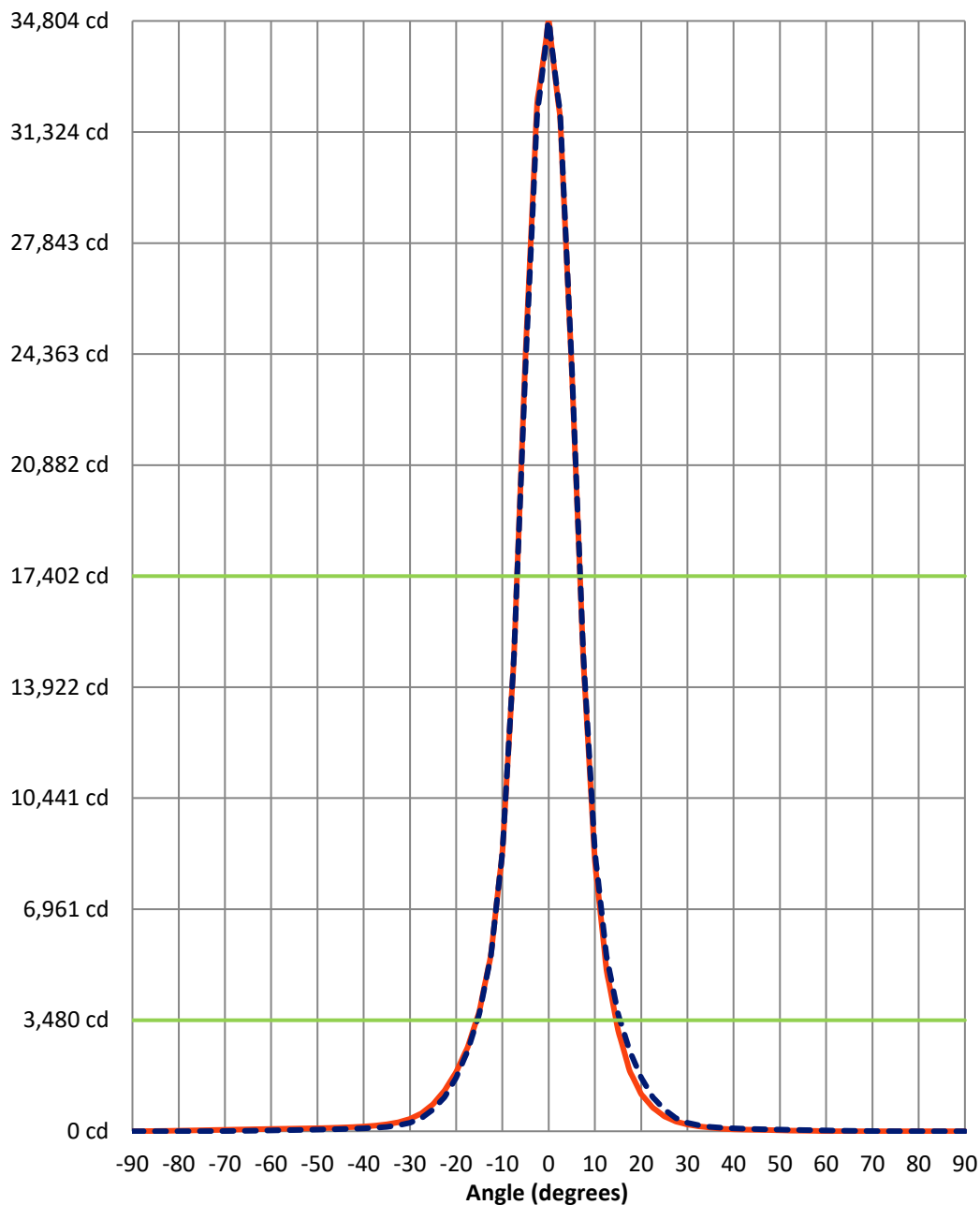
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 1096.1  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 2441.4  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 992.1  
 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	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.1
70°	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.3	0.3	0.1
67.5°	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.4	0.4	0.3	0.1
65°	0.0	0.2	0.1	0.2	0.3	0.3	0.4	0.6	0.5	0.3	0.2
62.5°	0.0	0.2	0.1	0.2	0.4	0.4	0.6	0.7	0.5	0.4	0.4
60°	0.0	0.2	0.1	0.3	0.4	0.5	0.7	0.7	0.5	0.5	0.6
57.5°	0.0	0.2	0.2	0.4	0.5	0.6	0.7	0.7	0.6	0.6	0.7
55°	0.0	0.2	0.2	0.4	0.5	0.6	0.7	0.7	0.6	0.7	0.7
52.5°	0.0	0.3	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7
50°	0.0	0.3	0.3	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8
47.5°	0.0	0.3	0.4	0.7	0.6	0.7	0.7	0.7	0.7	0.7	1.0
45°	0.0	0.3	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.2
42.5°	0.0	0.3	0.5	0.7	0.7	0.7	0.7	0.7	0.8	1.1	1.6
40°	0.0	0.4	0.5	0.7	0.7	0.7	0.7	0.8	0.9	1.4	2.1
37.5°	0.0	0.4	0.5	0.7	0.7	0.7	0.7	0.9	1.2	1.7	2.6
35°	0.0	0.4	0.6	0.7	0.7	0.7	0.7	1.0	1.5	2.2	3.1
32.5°	0.0	0.4	0.6	0.7	0.7	0.7	0.7	1.1	1.7	2.6	3.9
30°	0.0	0.5	0.6	0.7	0.7	0.7	0.8	1.2	2.0	3.0	4.8
27.5°	0.0	0.5	0.6	0.7	0.7	0.7	0.9	1.5	2.4	3.4	5.7
25°	0.0	0.5	0.6	0.7	0.7	0.7	1.0	1.7	2.7	4.1	6.6
22.5°	0.0	0.5	0.7	0.7	0.7	0.7	1.1	1.9	3.0	4.8	7.7
20°	0.0	0.5	0.7	0.7	0.7	0.8	1.2	2.2	3.3	5.6	8.8
17.5°	0.0	0.6	0.7	0.7	0.7	0.8	1.3	2.4	3.6	6.3	9.7
15°	0.0	0.6	0.7	0.7	0.7	0.9	1.5	2.6	3.9	7.1	10.6
12.5°	0.0	0.6	0.7	0.7	0.7	1.0	1.6	2.8	4.3	7.8	11.3
10°	0.0	0.6	0.7	0.7	0.7	1.1	1.8	3.0	4.8	8.4	12.0
7.5°	0.0	0.6	0.7	0.7	0.7	1.2	1.9	3.2	5.3	9.0	12.6
5°	0.0	0.7	0.7	0.7	0.7	1.3	2.0	3.4	5.7	9.5	13.2
2.5°	0.0	0.7	0.7	0.7	0.7	1.4	2.1	3.6	6.2	10.0	13.6
0°	0.0	0.7	0.7	0.7	0.7	1.5	2.2	3.7	6.6	10.3	14.0
-2.5°	0.0	0.7	0.7	0.7	0.8	1.6	2.4	3.9	7.0	10.6	14.5
-5°	0.0	0.7	0.7	0.7	0.8	1.6	2.6	4.1	7.3	10.8	14.9
-7.5°	0.0	0.7	0.7	0.7	0.9	1.7	2.7	4.3	7.6	11.0	15.2
-10°	0.0	0.7	0.7	0.7	1.0	1.8	2.9	4.5	7.8	11.1	15.3
-12.5°	0.0	0.7	0.7	0.7	1.0	1.8	3.0	4.6	7.9	11.2	15.6
-15°	0.0	0.7	0.7	0.7	1.1	1.8	3.1	4.7	7.9	11.4	15.9
-17.5°	0.0	0.7	0.7	0.7	1.1	1.9	3.2	4.8	7.9	11.5	16.0
-20°	0.0	0.7	0.7	0.7	1.1	1.9	3.2	4.9	7.8	11.5	16.0

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Scaled Data Report



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0.6	0.7	0.7	1.1	1.9	3.3	5.0	7.6	11.4	15.8
-25°	0.0	0.6	0.7	0.7	1.1	2.0	3.3	5.0	7.4	11.1	15.5
-27.5°	0.0	0.6	0.7	0.7	1.1	2.0	3.3	5.0	7.1	10.7	15.1
-30°	0.0	0.6	0.7	0.7	1.1	2.1	3.3	4.9	6.9	10.3	14.6
-32.5°	0.0	0.6	0.7	0.7	1.1	2.1	3.2	4.9	6.8	9.9	13.9
-35°	0.0	0.6	0.7	0.7	1.0	2.1	3.2	4.8	6.7	9.3	13.0
-37.5°	0.0	0.6	0.7	0.7	1.0	2.0	3.2	4.7	6.5	8.8	12.5
-40°	0.0	0.5	0.7	0.7	1.0	2.0	3.2	4.6	6.2	8.4	12.1
-42.5°	0.0	0.5	0.7	0.7	1.0	1.9	3.1	4.5	6.0	8.2	11.5
-45°	0.0	0.5	0.7	0.7	1.0	1.8	3.0	4.4	5.9	8.0	10.9
-47.5°	0.0	0.5	0.7	0.7	1.0	1.7	2.9	4.2	5.7	7.6	10.4
-50°	0.0	0.4	0.7	0.8	1.0	1.6	2.7	4.0	5.5	7.3	9.9
-52.5°	0.0	0.4	0.7	0.8	1.0	1.5	2.6	3.8	5.2	7.0	9.3
-55°	0.0	0.4	0.7	0.8	1.0	1.4	2.4	3.5	4.9	6.4	8.6
-57.5°	0.0	0.4	0.7	0.8	1.0	1.4	2.1	3.3	4.5	6.0	7.8
-60°	0.0	0.3	0.7	0.8	1.0	1.4	1.9	2.9	4.1	5.5	7.0
-62.5°	0.0	0.3	0.6	0.8	1.0	1.3	1.8	2.6	3.7	5.0	6.4
-65°	0.0	0.3	0.6	0.7	0.9	1.3	1.7	2.3	3.2	4.4	5.7
-67.5°	0.0	0.3	0.5	0.7	0.9	1.2	1.6	2.1	2.8	3.8	5.0
-70°	0.0	0.2	0.5	0.7	0.8	1.1	1.5	1.9	2.5	3.2	4.2
-72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.2	2.7	3.4
-75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.5	1.8	2.3	2.9
-77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.9	1.3	1.6	1.9	2.3
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.7	2.0
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.8	1.1	1.4	1.7
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1.0	1.3
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6
-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-SA1B-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°
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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.5	0.3	0.2	0.0	0.2	0.2	0.2	0.0	0.0	0.0
62.5°	0.6	0.6	0.4	0.3	0.4	0.5	0.4	0.2	0.1	0.4	0.5
60°	0.7	0.6	0.5	0.6	0.7	0.6	0.5	0.7	1.1	1.4	1.7
57.5°	0.7	0.6	0.6	0.8	0.8	0.8	1.3	1.7	2.5	3.1	3.5
55°	0.7	0.7	0.8	1.0	1.2	1.7	2.4	3.4	4.2	5.4	6.5
52.5°	0.8	0.8	1.1	1.5	2.2	3.0	4.2	5.6	7.2	8.4	9.6
50°	0.9	1.2	1.6	2.5	3.5	4.8	6.7	8.7	10.0	11.4	13.2
47.5°	1.3	1.7	2.6	3.7	5.1	7.2	9.7	11.2	12.5	14.6	16.8
45°	1.8	2.5	3.7	5.2	7.1	10.0	12.0	13.3	15.5	17.9	20.4
42.5°	2.2	3.5	5.0	6.6	9.7	12.4	14.3	16.2	18.5	21.3	24.0
40°	3.1	4.4	6.5	9.0	12.2	14.8	17.1	19.3	21.5	25.2	28.2
37.5°	3.9	5.8	8.2	11.3	14.6	17.5	20.1	22.8	26.0	30.2	32.9
35°	4.7	7.3	10.2	13.6	17.0	20.3	23.4	26.6	30.8	34.7	37.9
32.5°	5.8	8.8	12.1	15.7	19.3	23.0	26.8	30.6	34.7	38.8	42.9
30°	7.2	10.5	13.9	17.8	21.4	25.6	30.0	34.1	38.2	42.5	47.1
27.5°	8.6	12.0	15.7	19.6	23.4	28.3	33.0	37.2	41.4	46.0	51.3
25°	9.9	13.5	17.4	21.2	25.7	30.9	36.1	40.9	44.6	49.7	56.0
22.5°	11.2	15.0	19.2	22.7	27.9	33.6	39.6	44.8	49.1	53.7	60.8
20°	12.4	16.5	20.8	24.8	30.1	36.2	43.3	48.7	54.0	60.0	67.2
17.5°	13.6	17.9	22.5	27.2	32.8	39.1	47.1	52.7	59.0	66.2	75.3
15°	14.7	19.2	24.1	29.4	35.2	42.0	49.8	56.7	64.3	72.6	83.3
12.5°	15.7	20.4	25.7	31.5	37.3	44.5	52.0	59.4	68.1	78.9	92.4
10°	16.7	21.5	27.3	33.4	39.2	46.6	53.9	61.6	70.8	82.7	98.2
7.5°	17.5	22.6	28.8	35.1	40.8	48.4	55.6	63.4	73.0	85.8	102.0
5°	18.2	23.8	30.2	36.2	42.1	49.9	57.0	64.9	74.8	88.2	104.8
2.5°	18.8	24.9	31.4	37.0	43.3	51.2	58.1	66.5	76.7	90.1	107.4
0°	19.2	25.8	32.4	37.6	44.2	52.3	58.9	67.8	78.1	91.3	109.8
-2.5°	20.1	26.6	33.0	38.3	45.2	52.5	59.4	68.0	78.7	92.3	110.2
-5°	20.8	27.2	33.5	38.8	45.9	52.4	59.7	67.8	78.9	92.9	111.0
-7.5°	21.4	27.6	33.8	39.2	46.4	52.7	60.0	68.3	79.4	93.4	112.1
-10°	21.7	28.0	34.0	39.7	46.5	52.9	60.2	68.4	79.3	93.1	111.5
-12.5°	21.9	28.2	34.1	40.0	46.5	52.9	60.0	68.1	78.5	91.9	109.2
-15°	22.0	28.2	34.1	40.1	46.3	52.6	59.5	67.4	77.0	89.9	105.7
-17.5°	21.9	28.2	34.0	39.8	46.2	52.0	58.8	66.3	75.6	87.6	102.8
-20°	21.8	28.1	33.7	39.3	45.9	51.5	58.1	65.3	74.0	84.9	98.5

Classified

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

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REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	21.5	27.8	33.3	38.8	45.1	50.9	57.1	64.0	71.9	81.7	93.7
-25°	21.1	27.3	32.9	38.3	44.2	50.1	55.9	62.5	69.7	79.1	89.9
-27.5°	20.6	26.7	32.3	37.8	43.2	49.1	54.7	60.9	68.0	76.4	86.0
-30°	20.0	25.8	31.4	37.0	42.3	47.8	53.3	59.2	65.9	73.8	82.7
-32.5°	19.1	24.8	30.2	35.8	41.4	46.6	51.8	57.5	63.7	70.6	79.1
-35°	18.2	23.7	29.0	34.3	40.2	45.3	50.2	55.4	61.3	67.7	74.6
-37.5°	17.4	22.5	27.8	32.7	38.3	43.6	48.4	53.4	58.7	64.6	70.9
-40°	16.5	21.3	26.4	31.2	36.1	41.5	46.3	51.1	56.1	62.0	67.6
-42.5°	15.6	20.2	25.0	29.7	34.4	39.2	44.0	48.6	53.8	59.4	64.9
-45°	14.8	19.1	23.5	28.2	32.8	37.1	41.6	45.9	51.2	56.8	62.2
-47.5°	13.9	18.0	22.3	26.4	31.0	35.3	39.3	43.7	48.2	53.5	59.1
-50°	13.0	16.9	20.8	24.7	29.0	33.4	37.4	41.5	45.7	50.1	54.9
-52.5°	12.2	15.6	19.2	22.8	26.9	31.1	35.3	39.3	43.2	47.3	51.5
-55°	11.3	14.4	17.6	21.0	24.5	28.6	32.7	36.6	40.6	44.4	48.5
-57.5°	10.3	13.1	16.0	19.1	22.3	25.7	29.6	33.5	37.3	41.2	45.4
-60°	9.1	11.6	14.2	17.2	20.3	23.3	26.5	30.1	33.8	37.5	41.3
-62.5°	7.9	10.0	12.4	15.0	17.9	20.8	23.8	26.8	30.1	33.3	36.7
-65°	7.1	8.6	10.6	12.9	15.3	17.9	20.7	23.5	26.4	29.1	31.7
-67.5°	6.2	7.6	9.1	10.8	12.9	15.2	17.4	19.9	22.5	25.0	27.4
-70°	5.3	6.5	7.8	9.2	10.8	12.6	14.7	16.7	18.7	20.8	23.0
-72.5°	4.4	5.4	6.5	7.7	9.1	10.5	12.1	13.8	15.6	17.3	19.1
-75°	3.6	4.3	5.2	6.2	7.4	8.5	9.6	11.0	12.5	14.0	15.5
-77.5°	2.9	3.6	4.2	4.9	5.7	6.7	7.8	8.8	9.8	10.9	12.2
-80°	2.4	2.9	3.5	4.1	4.6	5.3	6.0	6.8	7.5	8.2	9.1
-82.5°	2.0	2.4	2.8	3.2	3.6	3.9	4.3	4.7	5.2	5.8	6.3
-85°	1.5	1.8	2.1	2.4	2.6	2.7	2.9	3.1	3.4	3.7	4.1
-87.5°	0.8	0.9	1.1	1.3	1.3	1.4	1.5	1.6	1.7	2.0	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0
62.5°	0.4	0.4	0.6	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.6
60°	1.8	1.8	2.4	2.8	2.5	1.8	2.8	3.3	3.1	2.7	2.7
57.5°	4.3	5.3	5.9	6.2	7.2	8.8	9.1	8.6	8.4	8.6	9.9
55°	7.5	8.2	8.6	10.0	11.2	12.0	12.5	13.0	13.8	14.7	15.6
52.5°	10.6	11.6	12.4	13.6	15.0	15.5	15.4	17.2	18.6	19.6	19.9
50°	14.5	15.8	17.7	19.5	20.3	21.1	22.0	23.5	25.7	28.4	29.9
47.5°	18.8	20.8	22.7	24.9	26.0	26.8	28.1	30.7	33.8	36.7	38.2
45°	22.7	24.5	26.7	28.5	29.8	31.5	33.3	35.7	39.1	42.2	44.3
42.5°	25.7	27.8	30.0	32.3	33.6	35.8	38.6	41.8	45.4	48.6	51.0
40°	30.1	31.7	35.4	37.5	38.0	40.1	45.6	50.0	54.1	58.0	60.0
37.5°	35.3	38.6	42.4	44.3	46.2	49.8	57.2	64.3	69.5	74.8	77.7
35°	41.2	45.6	50.7	53.0	57.1	65.0	73.7	83.5	95.7	100.8	105.5
32.5°	47.0	51.9	56.6	61.7	68.9	78.3	88.1	104.0	118.9	130.4	138.9
30°	52.1	57.4	63.2	69.7	79.8	92.8	109.1	129.7	150.7	169.1	184.6
27.5°	57.2	63.1	70.0	79.9	94.0	111.6	137.7	167.1	202.2	228.0	258.8
25°	62.7	69.5	78.4	92.6	111.7	138.0	179.7	227.5	285.0	331.6	380.4
22.5°	69.2	79.3	90.6	106.4	139.7	183.2	240.0	321.8	410.2	492.0	570.8
20°	77.1	90.9	109.0	138.3	181.0	245.3	344.0	474.5	604.5	743.0	876.4
17.5°	88.5	108.3	136.5	178.1	234.4	361.5	521.7	723.5	982.7	1217.6	1422.7
15°	99.1	122.8	167.3	229.4	327.6	496.1	739.5	1072.4	1476.4	1844.6	2233.5
12.5°	110.2	138.2	189.3	268.4	404.9	624.2	966.2	1422.5	1928.4	2483.3	3115.3
10°	119.0	153.0	214.2	314.5	482.7	755.8	1163.2	1716.6	2388.9	3210.1	4220.5
7.5°	125.0	164.8	234.7	348.2	554.4	890.4	1380.8	2046.0	2886.5	3974.4	5388.2
5°	129.6	173.9	250.2	379.0	615.0	993.2	1542.1	2334.5	3328.7	4786.3	7182.4
2.5°	133.3	180.8	259.7	400.2	653.0	1064.7	1650.3	2497.7	3591.9	5386.6	8495.1
0°	136.3	187.1	265.9	413.3	682.2	1071.9	1684.1	2527.6	3686.4	5494.9	8777.6
-2.5°	137.5	190.4	268.0	416.2	679.3	1084.2	1694.4	2551.4	3682.8	5435.6	8462.1
-5°	139.6	190.4	266.5	413.2	664.0	1052.4	1627.1	2418.0	3460.7	4968.1	7447.7
-7.5°	141.1	187.4	258.8	394.5	624.1	983.8	1508.9	2196.8	3056.3	4200.9	5736.5
-10°	139.7	181.5	245.9	363.1	562.2	873.6	1329.0	1904.8	2619.1	3467.3	4510.7
-12.5°	134.5	170.8	224.9	319.1	481.9	750.2	1148.1	1638.3	2167.1	2762.8	3483.7
-15°	127.8	159.2	206.0	288.9	422.4	627.9	918.4	1316.1	1740.2	2192.5	2674.8
-17.5°	122.7	149.0	187.8	247.8	346.0	509.4	737.7	1020.1	1331.9	1676.2	1962.0
-20°	115.7	136.5	169.0	218.1	293.0	401.2	567.5	772.7	978.4	1220.5	1417.9

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Peachtree City, GA 30269

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REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	108.6	126.8	151.5	187.4	243.2	324.9	427.7	564.7	715.1	854.1	990.9
-25°	102.1	116.1	136.1	165.6	203.4	259.2	332.3	410.9	510.0	594.7	688.5
-27.5°	96.8	108.8	123.6	145.2	174.5	210.5	262.8	315.5	367.6	410.3	474.9
-30°	91.7	101.4	113.8	129.2	151.1	178.8	212.8	247.0	277.1	304.5	338.2
-32.5°	86.7	94.6	104.1	116.9	132.6	153.4	174.3	198.8	219.7	239.0	256.9
-35°	81.7	88.7	95.9	106.7	119.3	134.1	149.3	165.8	180.3	193.3	204.9
-37.5°	77.2	83.4	90.1	98.1	108.3	119.4	131.8	143.8	153.4	161.9	168.9
-40°	73.4	79.0	84.8	91.2	98.9	107.7	118.2	128.2	134.9	140.1	144.4
-42.5°	70.0	74.9	79.9	85.3	91.2	98.8	107.1	115.4	119.9	123.9	127.0
-45°	67.2	71.0	75.2	79.8	85.1	91.5	98.0	103.7	107.8	111.2	113.7
-47.5°	63.6	67.2	70.9	74.7	79.6	84.9	90.3	94.7	98.2	101.2	103.2
-50°	59.6	63.4	66.8	70.1	74.6	79.1	83.5	87.1	90.5	93.4	94.9
-52.5°	55.5	59.6	63.1	66.4	70.2	74.1	78.0	81.1	84.0	86.8	88.0
-55°	52.5	56.3	59.9	63.0	66.1	69.3	72.5	75.7	78.6	81.2	82.0
-57.5°	49.3	53.2	56.7	59.5	62.3	65.1	68.1	71.0	73.8	76.3	77.0
-60°	45.4	49.5	52.7	55.3	58.1	60.8	63.4	66.0	68.6	70.8	71.5
-62.5°	40.4	44.2	47.3	50.1	52.7	55.2	57.6	60.1	62.4	64.2	64.7
-65°	34.4	37.7	40.9	43.8	46.4	48.7	51.0	53.2	55.4	56.9	57.6
-67.5°	29.7	32.1	34.6	37.1	39.8	42.2	44.2	46.2	48.0	49.3	50.1
-70°	25.2	27.4	29.8	32.2	34.5	36.5	38.1	39.7	41.3	42.4	43.3
-72.5°	20.9	22.7	24.7	26.9	29.0	30.7	32.2	33.6	35.0	36.0	36.8
-75°	17.0	18.5	20.2	21.9	23.6	25.0	26.3	27.5	28.7	29.5	30.3
-77.5°	13.5	14.8	16.1	17.4	18.8	19.8	20.7	21.6	22.5	23.2	23.8
-80°	9.9	11.0	12.1	13.1	14.2	15.0	15.7	16.3	17.0	17.3	17.7
-82.5°	6.8	7.5	8.3	9.0	9.8	10.4	10.9	11.4	12.0	12.1	12.3
-85°	4.4	4.7	5.1	5.5	5.9	6.2	6.5	6.9	7.1	7.4	7.6
-87.5°	2.4	2.4	2.5	2.6	2.6	2.9	3.1	3.3	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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	0.1	0.1
62.5°	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7
60°	2.5	2.2	2.2	2.2	2.2	2.2	2.5	2.7	2.7	3.1	3.3
57.5°	11.2	12.5	12.8	12.5	12.8	12.5	11.2	9.9	8.6	8.4	8.6
55°	16.3	16.7	16.8	16.9	16.8	16.7	16.3	15.6	14.7	13.8	13.0
52.5°	20.0	19.9	19.8	19.9	19.8	19.9	20.0	19.9	19.6	18.6	17.2
50°	30.1	29.5	29.3	29.5	29.3	29.5	30.1	29.9	28.4	25.7	23.5
47.5°	38.4	38.6	38.8	39.0	38.8	38.6	38.4	38.2	36.7	33.8	30.7
45°	44.9	45.3	45.6	45.7	45.6	45.3	44.9	44.3	42.2	39.1	35.7
42.5°	51.5	51.5	51.5	51.6	51.5	51.5	51.5	51.0	48.6	45.4	41.8
40°	60.7	60.9	60.7	60.4	60.7	60.9	60.7	60.0	58.0	54.1	50.0
37.5°	79.4	79.7	78.8	78.1	78.8	79.7	79.4	77.7	74.8	69.5	64.3
35°	109.8	113.0	114.5	114.9	114.5	113.0	109.8	105.5	100.8	95.7	83.5
32.5°	144.7	149.1	151.3	153.2	151.3	149.1	144.7	138.9	130.4	118.9	104.0
30°	194.8	202.8	206.4	211.4	206.4	202.8	194.8	184.6	169.1	150.7	129.7
27.5°	276.3	290.5	298.4	305.7	298.4	290.5	276.3	258.8	228.0	202.2	167.1
25°	415.8	443.2	460.9	469.3	460.9	443.2	415.8	380.4	331.6	285.0	227.5
22.5°	646.9	697.3	736.2	744.1	736.2	697.3	646.9	570.8	492.0	410.2	321.8
20°	1005.7	1077.9	1136.6	1166.2	1136.6	1077.9	1005.7	876.4	743.0	604.5	474.5
17.5°	1667.0	1817.1	1885.7	1897.0	1885.7	1817.1	1667.0	1422.7	1217.6	982.7	723.5
15°	2650.8	2904.8	3066.1	3170.0	3066.1	2904.8	2650.8	2233.5	1844.6	1476.4	1072.4
12.5°	3773.3	4495.1	4905.9	5062.5	4905.9	4495.1	3773.3	3115.3	2483.3	1928.4	1422.5
10°	5296.7	6996.1	7976.4	8469.7	7976.4	6996.1	5296.7	4220.5	3210.1	2388.9	1716.6
7.5°	7882.5	10507.2	13415.2	14760.7	13415.2	10507.2	7882.5	5388.2	3974.4	2886.5	2046.0
5°	10600.7	16363.4	21421.5	23843.6	21421.5	16363.4	10600.7	7182.4	4786.3	3328.7	2334.5
2.5°	13724.8	21496.4	28682.0	31703.4	28682.0	21496.4	13724.8	8495.1	5386.6	3591.9	2497.7
0°	14927.2	23979.9	31838.5	34804.0	31838.5	23979.9	14927.2	8777.6	5494.9	3686.4	2527.6
-2.5°	13910.6	21872.9	28805.4	32193.9	28805.4	21872.9	13910.6	8462.1	5435.6	3682.8	2551.4
-5°	11052.7	16453.6	21587.8	24349.0	21587.8	16453.6	11052.7	7447.7	4968.1	3460.7	2418.0
-7.5°	8112.0	11052.2	13903.5	14900.6	13903.5	11052.2	8112.0	5736.5	4200.9	3056.3	2196.8
-10°	5647.8	7331.4	8442.8	8759.9	8442.8	7331.4	5647.8	4510.7	3467.3	2619.1	1904.8
-12.5°	4187.2	4923.6	5436.1	5525.2	5436.1	4923.6	4187.2	3483.7	2762.8	2167.1	1638.3
-15°	3100.5	3475.0	3739.3	3757.1	3739.3	3475.0	3100.5	2674.8	2192.5	1740.2	1316.1
-17.5°	2266.5	2517.9	2651.3	2641.8	2651.3	2517.9	2266.5	1962.0	1676.2	1331.9	1020.1
-20°	1620.7	1772.2	1879.7	1858.7	1879.7	1772.2	1620.7	1417.9	1220.5	978.4	772.7



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1130.0	1230.6	1293.6	1277.4	1293.6	1230.6	1130.0	990.9	854.1	715.1	564.7
-25°	767.9	822.6	853.8	848.7	853.8	822.6	767.9	688.5	594.7	510.0	410.9
-27.5°	523.3	552.2	561.9	561.4	561.9	552.2	523.3	474.9	410.3	367.6	315.5
-30°	363.2	382.6	393.7	386.8	393.7	382.6	363.2	338.2	304.5	277.1	247.0
-32.5°	270.7	281.7	288.0	281.4	288.0	281.7	270.7	256.9	239.0	219.7	198.8
-35°	213.4	218.9	221.1	217.3	221.1	218.9	213.4	204.9	193.3	180.3	165.8
-37.5°	174.0	177.2	178.3	176.1	178.3	177.2	174.0	168.9	161.9	153.4	143.8
-40°	147.4	149.3	149.8	148.1	149.8	149.3	147.4	144.4	140.1	134.9	128.2
-42.5°	128.9	130.1	130.4	129.7	130.4	130.1	128.9	127.0	123.9	119.9	115.4
-45°	115.2	116.2	116.4	115.7	116.4	116.2	115.2	113.7	111.2	107.8	103.7
-47.5°	104.1	104.7	104.9	104.6	104.9	104.7	104.1	103.2	101.2	98.2	94.7
-50°	95.6	96.1	96.1	95.8	96.1	96.1	95.6	94.9	93.4	90.5	87.1
-52.5°	88.5	88.8	89.0	89.1	89.0	88.8	88.5	88.0	86.8	84.0	81.1
-55°	82.5	82.9	83.1	83.2	83.1	82.9	82.5	82.0	81.2	78.6	75.7
-57.5°	77.5	77.8	78.0	78.1	78.0	77.8	77.5	77.0	76.3	73.8	71.0
-60°	72.1	72.5	72.8	72.9	72.8	72.5	72.1	71.5	70.8	68.6	66.0
-62.5°	65.1	65.3	65.5	65.6	65.5	65.3	65.1	64.7	64.2	62.4	60.1
-65°	58.2	58.6	58.8	58.9	58.8	58.6	58.2	57.6	56.9	55.4	53.2
-67.5°	50.8	51.3	51.9	52.3	51.9	51.3	50.8	50.1	49.3	48.0	46.2
-70°	44.0	44.6	44.9	44.9	44.9	44.6	44.0	43.3	42.4	41.3	39.7
-72.5°	37.5	38.1	38.6	39.0	38.6	38.1	37.5	36.8	36.0	35.0	33.6
-75°	30.9	31.5	31.7	31.7	31.7	31.5	30.9	30.3	29.5	28.7	27.5
-77.5°	24.3	24.9	25.0	25.0	25.0	24.9	24.3	23.8	23.2	22.5	21.6
-80°	18.0	18.3	18.8	19.2	18.8	18.3	18.0	17.7	17.3	17.0	16.3
-82.5°	12.4	12.4	12.5	12.5	12.5	12.4	12.4	12.3	12.1	12.0	11.4
-85°	7.9	8.1	8.1	8.1	8.1	8.1	7.9	7.6	7.4	7.1	6.9
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.3
-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: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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	0.0
65°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
62.5°	0.7	0.8	0.8	0.8	0.6	0.4	0.4	0.5	0.4	0.1	0.2
60°	2.8	1.8	2.5	2.8	2.4	1.8	1.8	1.7	1.4	1.1	0.7
57.5°	9.1	8.8	7.2	6.2	5.9	5.3	4.3	3.5	3.1	2.5	1.7
55°	12.5	12.0	11.2	10.0	8.6	8.2	7.5	6.5	5.4	4.2	3.4
52.5°	15.4	15.5	15.0	13.6	12.4	11.6	10.6	9.6	8.4	7.2	5.6
50°	22.0	21.1	20.3	19.5	17.7	15.8	14.5	13.2	11.4	10.0	8.7
47.5°	28.1	26.8	26.0	24.9	22.7	20.8	18.8	16.8	14.6	12.5	11.2
45°	33.3	31.5	29.8	28.5	26.7	24.5	22.7	20.4	17.9	15.5	13.3
42.5°	38.6	35.8	33.6	32.3	30.0	27.8	25.7	24.0	21.3	18.5	16.2
40°	45.6	40.1	38.0	37.5	35.4	31.7	30.1	28.2	25.2	21.5	19.3
37.5°	57.2	49.8	46.2	44.3	42.4	38.6	35.3	32.9	30.2	26.0	22.8
35°	73.7	65.0	57.1	53.0	50.7	45.6	41.2	37.9	34.7	30.8	26.6
32.5°	88.1	78.3	68.9	61.7	56.6	51.9	47.0	42.9	38.8	34.7	30.6
30°	109.1	92.8	79.8	69.7	63.2	57.4	52.1	47.1	42.5	38.2	34.1
27.5°	137.7	111.6	94.0	79.9	70.0	63.1	57.2	51.3	46.0	41.4	37.2
25°	179.7	138.0	111.7	92.6	78.4	69.5	62.7	56.0	49.7	44.6	40.9
22.5°	240.0	183.2	139.7	106.4	90.6	79.3	69.2	60.8	53.7	49.1	44.8
20°	344.0	245.3	181.0	138.3	109.0	90.9	77.1	67.2	60.0	54.0	48.7
17.5°	521.7	361.5	234.4	178.1	136.5	108.3	88.5	75.3	66.2	59.0	52.7
15°	739.5	496.1	327.6	229.4	167.3	122.8	99.1	83.3	72.6	64.3	56.7
12.5°	966.2	624.2	404.9	268.4	189.3	138.2	110.2	92.4	78.9	68.1	59.4
10°	1163.2	755.8	482.7	314.5	214.2	153.0	119.0	98.2	82.7	70.8	61.6
7.5°	1380.8	890.4	554.4	348.2	234.7	164.8	125.0	102.0	85.8	73.0	63.4
5°	1542.1	993.2	615.0	379.0	250.2	173.9	129.6	104.8	88.2	74.8	64.9
2.5°	1650.3	1064.7	653.0	400.2	259.7	180.8	133.3	107.4	90.1	76.7	66.5
0°	1684.1	1071.9	682.2	413.3	265.9	187.1	136.3	109.8	91.3	78.1	67.8
-2.5°	1694.4	1084.2	679.3	416.2	268.0	190.4	137.5	110.2	92.3	78.7	68.0
-5°	1627.1	1052.4	664.0	413.2	266.5	190.4	139.6	111.0	92.9	78.9	67.8
-7.5°	1508.9	983.8	624.1	394.5	258.8	187.4	141.1	112.1	93.4	79.4	68.3
-10°	1329.0	873.6	562.2	363.1	245.9	181.5	139.7	111.5	93.1	79.3	68.4
-12.5°	1148.1	750.2	481.9	319.1	224.9	170.8	134.5	109.2	91.9	78.5	68.1
-15°	918.4	627.9	422.4	288.9	206.0	159.2	127.8	105.7	89.9	77.0	67.4
-17.5°	737.7	509.4	346.0	247.8	187.8	149.0	122.7	102.8	87.6	75.6	66.3
-20°	567.5	401.2	293.0	218.1	169.0	136.5	115.7	98.5	84.9	74.0	65.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	427.7	324.9	243.2	187.4	151.5	126.8	108.6	93.7	81.7	71.9	64.0
-25°	332.3	259.2	203.4	165.6	136.1	116.1	102.1	89.9	79.1	69.7	62.5
-27.5°	262.8	210.5	174.5	145.2	123.6	108.8	96.8	86.0	76.4	68.0	60.9
-30°	212.8	178.8	151.1	129.2	113.8	101.4	91.7	82.7	73.8	65.9	59.2
-32.5°	174.3	153.4	132.6	116.9	104.1	94.6	86.7	79.1	70.6	63.7	57.5
-35°	149.3	134.1	119.3	106.7	95.9	88.7	81.7	74.6	67.7	61.3	55.4
-37.5°	131.8	119.4	108.3	98.1	90.1	83.4	77.2	70.9	64.6	58.7	53.4
-40°	118.2	107.7	98.9	91.2	84.8	79.0	73.4	67.6	62.0	56.1	51.1
-42.5°	107.1	98.8	91.2	85.3	79.9	74.9	70.0	64.9	59.4	53.8	48.6
-45°	98.0	91.5	85.1	79.8	75.2	71.0	67.2	62.2	56.8	51.2	45.9
-47.5°	90.3	84.9	79.6	74.7	70.9	67.2	63.6	59.1	53.5	48.2	43.7
-50°	83.5	79.1	74.6	70.1	66.8	63.4	59.6	54.9	50.1	45.7	41.5
-52.5°	78.0	74.1	70.2	66.4	63.1	59.6	55.5	51.5	47.3	43.2	39.3
-55°	72.5	69.3	66.1	63.0	59.9	56.3	52.5	48.5	44.4	40.6	36.6
-57.5°	68.1	65.1	62.3	59.5	56.7	53.2	49.3	45.4	41.2	37.3	33.5
-60°	63.4	60.8	58.1	55.3	52.7	49.5	45.4	41.3	37.5	33.8	30.1
-62.5°	57.6	55.2	52.7	50.1	47.3	44.2	40.4	36.7	33.3	30.1	26.8
-65°	51.0	48.7	46.4	43.8	40.9	37.7	34.4	31.7	29.1	26.4	23.5
-67.5°	44.2	42.2	39.8	37.1	34.6	32.1	29.7	27.4	25.0	22.5	19.9
-70°	38.1	36.5	34.5	32.2	29.8	27.4	25.2	23.0	20.8	18.7	16.7
-72.5°	32.2	30.7	29.0	26.9	24.7	22.7	20.9	19.1	17.3	15.6	13.8
-75°	26.3	25.0	23.6	21.9	20.2	18.5	17.0	15.5	14.0	12.5	11.0
-77.5°	20.7	19.8	18.8	17.4	16.1	14.8	13.5	12.2	10.9	9.8	8.8
-80°	15.7	15.0	14.2	13.1	12.1	11.0	9.9	9.1	8.2	7.5	6.8
-82.5°	10.9	10.4	9.8	9.0	8.3	7.5	6.8	6.3	5.8	5.2	4.7
-85°	6.5	6.2	5.9	5.5	5.1	4.7	4.4	4.1	3.7	3.4	3.1
-87.5°	3.1	2.9	2.6	2.6	2.5	2.4	2.4	2.2	2.0	1.7	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





REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.3	0.3	0.2
67.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	0.3	0.4	0.4
65°	0.2	0.2	0.0	0.2	0.3	0.5	0.3	0.2	0.3	0.5	0.6
62.5°	0.4	0.5	0.4	0.3	0.4	0.6	0.6	0.4	0.4	0.5	0.7
60°	0.5	0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.5	0.5	0.7
57.5°	1.3	0.8	0.8	0.8	0.6	0.6	0.7	0.7	0.6	0.6	0.7
55°	2.4	1.7	1.2	1.0	0.8	0.7	0.7	0.7	0.7	0.6	0.7
52.5°	4.2	3.0	2.2	1.5	1.1	0.8	0.8	0.7	0.7	0.7	0.7
50°	6.7	4.8	3.5	2.5	1.6	1.2	0.9	0.8	0.7	0.7	0.7
47.5°	9.7	7.2	5.1	3.7	2.6	1.7	1.3	1.0	0.7	0.7	0.7
45°	12.0	10.0	7.1	5.2	3.7	2.5	1.8	1.2	0.9	0.7	0.7
42.5°	14.3	12.4	9.7	6.6	5.0	3.5	2.2	1.6	1.1	0.8	0.7
40°	17.1	14.8	12.2	9.0	6.5	4.4	3.1	2.1	1.4	0.9	0.8
37.5°	20.1	17.5	14.6	11.3	8.2	5.8	3.9	2.6	1.7	1.2	0.9
35°	23.4	20.3	17.0	13.6	10.2	7.3	4.7	3.1	2.2	1.5	1.0
32.5°	26.8	23.0	19.3	15.7	12.1	8.8	5.8	3.9	2.6	1.7	1.1
30°	30.0	25.6	21.4	17.8	13.9	10.5	7.2	4.8	3.0	2.0	1.2
27.5°	33.0	28.3	23.4	19.6	15.7	12.0	8.6	5.7	3.4	2.4	1.5
25°	36.1	30.9	25.7	21.2	17.4	13.5	9.9	6.6	4.1	2.7	1.7
22.5°	39.6	33.6	27.9	22.7	19.2	15.0	11.2	7.7	4.8	3.0	1.9
20°	43.3	36.2	30.1	24.8	20.8	16.5	12.4	8.8	5.6	3.3	2.2
17.5°	47.1	39.1	32.8	27.2	22.5	17.9	13.6	9.7	6.3	3.6	2.4
15°	49.8	42.0	35.2	29.4	24.1	19.2	14.7	10.6	7.1	3.9	2.6
12.5°	52.0	44.5	37.3	31.5	25.7	20.4	15.7	11.3	7.8	4.3	2.8
10°	53.9	46.6	39.2	33.4	27.3	21.5	16.7	12.0	8.4	4.8	3.0
7.5°	55.6	48.4	40.8	35.1	28.8	22.6	17.5	12.6	9.0	5.3	3.2
5°	57.0	49.9	42.1	36.2	30.2	23.8	18.2	13.2	9.5	5.7	3.4
2.5°	58.1	51.2	43.3	37.0	31.4	24.9	18.8	13.6	10.0	6.2	3.6
0°	58.9	52.3	44.2	37.6	32.4	25.8	19.2	14.0	10.3	6.6	3.7
-2.5°	59.4	52.5	45.2	38.3	33.0	26.6	20.1	14.5	10.6	7.0	3.9
-5°	59.7	52.4	45.9	38.8	33.5	27.2	20.8	14.9	10.8	7.3	4.1
-7.5°	60.0	52.7	46.4	39.2	33.8	27.6	21.4	15.2	11.0	7.6	4.3
-10°	60.2	52.9	46.5	39.7	34.0	28.0	21.7	15.3	11.1	7.8	4.5
-12.5°	60.0	52.9	46.5	40.0	34.1	28.2	21.9	15.6	11.2	7.9	4.6
-15°	59.5	52.6	46.3	40.1	34.1	28.2	22.0	15.9	11.4	7.9	4.7
-17.5°	58.8	52.0	46.2	39.8	34.0	28.2	21.9	16.0	11.5	7.9	4.8
-20°	58.1	51.5	45.9	39.3	33.7	28.1	21.8	16.0	11.5	7.8	4.9

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	57.1	50.9	45.1	38.8	33.3	27.8	21.5	15.8	11.4	7.6	5.0
-25°	55.9	50.1	44.2	38.3	32.9	27.3	21.1	15.5	11.1	7.4	5.0
-27.5°	54.7	49.1	43.2	37.8	32.3	26.7	20.6	15.1	10.7	7.1	5.0
-30°	53.3	47.8	42.3	37.0	31.4	25.8	20.0	14.6	10.3	6.9	4.9
-32.5°	51.8	46.6	41.4	35.8	30.2	24.8	19.1	13.9	9.9	6.8	4.9
-35°	50.2	45.3	40.2	34.3	29.0	23.7	18.2	13.0	9.3	6.7	4.8
-37.5°	48.4	43.6	38.3	32.7	27.8	22.5	17.4	12.5	8.8	6.5	4.7
-40°	46.3	41.5	36.1	31.2	26.4	21.3	16.5	12.1	8.4	6.2	4.6
-42.5°	44.0	39.2	34.4	29.7	25.0	20.2	15.6	11.5	8.2	6.0	4.5
-45°	41.6	37.1	32.8	28.2	23.5	19.1	14.8	10.9	8.0	5.9	4.4
-47.5°	39.3	35.3	31.0	26.4	22.3	18.0	13.9	10.4	7.6	5.7	4.2
-50°	37.4	33.4	29.0	24.7	20.8	16.9	13.0	9.9	7.3	5.5	4.0
-52.5°	35.3	31.1	26.9	22.8	19.2	15.6	12.2	9.3	7.0	5.2	3.8
-55°	32.7	28.6	24.5	21.0	17.6	14.4	11.3	8.6	6.4	4.9	3.5
-57.5°	29.6	25.7	22.3	19.1	16.0	13.1	10.3	7.8	6.0	4.5	3.3
-60°	26.5	23.3	20.3	17.2	14.2	11.6	9.1	7.0	5.5	4.1	2.9
-62.5°	23.8	20.8	17.9	15.0	12.4	10.0	7.9	6.4	5.0	3.7	2.6
-65°	20.7	17.9	15.3	12.9	10.6	8.6	7.1	5.7	4.4	3.2	2.3
-67.5°	17.4	15.2	12.9	10.8	9.1	7.6	6.2	5.0	3.8	2.8	2.1
-70°	14.7	12.6	10.8	9.2	7.8	6.5	5.3	4.2	3.2	2.5	1.9
-72.5°	12.1	10.5	9.1	7.7	6.5	5.4	4.4	3.4	2.7	2.2	1.7
-75°	9.6	8.5	7.4	6.2	5.2	4.3	3.6	2.9	2.3	1.8	1.5
-77.5°	7.8	6.7	5.7	4.9	4.2	3.6	2.9	2.3	1.9	1.6	1.3
-80°	6.0	5.3	4.6	4.1	3.5	2.9	2.4	2.0	1.7	1.4	1.0
-82.5°	4.3	3.9	3.6	3.2	2.8	2.4	2.0	1.7	1.4	1.1	0.8
-85°	2.9	2.7	2.6	2.4	2.1	1.8	1.5	1.3	1.0	0.7	0.5
-87.5°	1.5	1.4	1.3	1.3	1.1	0.9	0.8	0.6	0.5	0.4	0.3
-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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REPORT NUMBER: P626588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0.0	0.0
85°	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
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.1	0.0	0.0	0.1	0.0
70°	0.1	0.2	0.1	0.0	0.0	0.1	0.0
67.5°	0.2	0.2	0.2	0.1	0.0	0.1	0.0
65°	0.4	0.3	0.3	0.2	0.1	0.2	0.0
62.5°	0.6	0.4	0.4	0.2	0.1	0.2	0.0
60°	0.7	0.5	0.4	0.3	0.1	0.2	0.0
57.5°	0.7	0.6	0.5	0.4	0.2	0.2	0.0
55°	0.7	0.6	0.5	0.4	0.2	0.2	0.0
52.5°	0.7	0.7	0.6	0.5	0.3	0.3	0.0
50°	0.7	0.7	0.6	0.6	0.3	0.3	0.0
47.5°	0.7	0.7	0.6	0.7	0.4	0.3	0.0
45°	0.7	0.7	0.7	0.7	0.4	0.3	0.0
42.5°	0.7	0.7	0.7	0.7	0.5	0.3	0.0
40°	0.7	0.7	0.7	0.7	0.5	0.4	0.0
37.5°	0.7	0.7	0.7	0.7	0.5	0.4	0.0
35°	0.7	0.7	0.7	0.7	0.6	0.4	0.0
32.5°	0.7	0.7	0.7	0.7	0.6	0.4	0.0
30°	0.8	0.7	0.7	0.7	0.6	0.5	0.0
27.5°	0.9	0.7	0.7	0.7	0.6	0.5	0.0
25°	1.0	0.7	0.7	0.7	0.6	0.5	0.0
22.5°	1.1	0.7	0.7	0.7	0.7	0.5	0.0
20°	1.2	0.8	0.7	0.7	0.7	0.5	0.0
17.5°	1.3	0.8	0.7	0.7	0.7	0.6	0.0
15°	1.5	0.9	0.7	0.7	0.7	0.6	0.0
12.5°	1.6	1.0	0.7	0.7	0.7	0.6	0.0
10°	1.8	1.1	0.7	0.7	0.7	0.6	0.0
7.5°	1.9	1.2	0.7	0.7	0.7	0.6	0.0
5°	2.0	1.3	0.7	0.7	0.7	0.7	0.0
2.5°	2.1	1.4	0.7	0.7	0.7	0.7	0.0
0°	2.2	1.5	0.7	0.7	0.7	0.7	0.0
-2.5°	2.4	1.6	0.8	0.7	0.7	0.7	0.0
-5°	2.6	1.6	0.8	0.7	0.7	0.7	0.0
-7.5°	2.7	1.7	0.9	0.7	0.7	0.7	0.0
-10°	2.9	1.8	1.0	0.7	0.7	0.7	0.0
-12.5°	3.0	1.8	1.0	0.7	0.7	0.7	0.0
-15°	3.1	1.8	1.1	0.7	0.7	0.7	0.0
-17.5°	3.2	1.9	1.1	0.7	0.7	0.7	0.0
-20°	3.2	1.9	1.1	0.7	0.7	0.7	0.0

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CATALOG NUMBER: GFLD-SA1B-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	3.3	1.9	1.1	0.7	0.7	0.6	0.0
-25°	3.3	2.0	1.1	0.7	0.7	0.6	0.0
-27.5°	3.3	2.0	1.1	0.7	0.7	0.6	0.0
-30°	3.3	2.1	1.1	0.7	0.7	0.6	0.0
-32.5°	3.2	2.1	1.1	0.7	0.7	0.6	0.0
-35°	3.2	2.1	1.0	0.7	0.7	0.6	0.0
-37.5°	3.2	2.0	1.0	0.7	0.7	0.6	0.0
-40°	3.2	2.0	1.0	0.7	0.7	0.5	0.0
-42.5°	3.1	1.9	1.0	0.7	0.7	0.5	0.0
-45°	3.0	1.8	1.0	0.7	0.7	0.5	0.0
-47.5°	2.9	1.7	1.0	0.7	0.7	0.5	0.0
-50°	2.7	1.6	1.0	0.8	0.7	0.4	0.0
-52.5°	2.6	1.5	1.0	0.8	0.7	0.4	0.0
-55°	2.4	1.4	1.0	0.8	0.7	0.4	0.0
-57.5°	2.1	1.4	1.0	0.8	0.7	0.4	0.0
-60°	1.9	1.4	1.0	0.8	0.7	0.3	0.0
-62.5°	1.8	1.3	1.0	0.8	0.6	0.3	0.0
-65°	1.7	1.3	0.9	0.7	0.6	0.3	0.0
-67.5°	1.6	1.2	0.9	0.7	0.5	0.3	0.0
-70°	1.5	1.1	0.8	0.7	0.5	0.2	0.0
-72.5°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
-75°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-77.5°	0.9	0.7	0.6	0.5	0.3	0.2	0.0
-80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)