

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: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626858 (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-SA2B-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

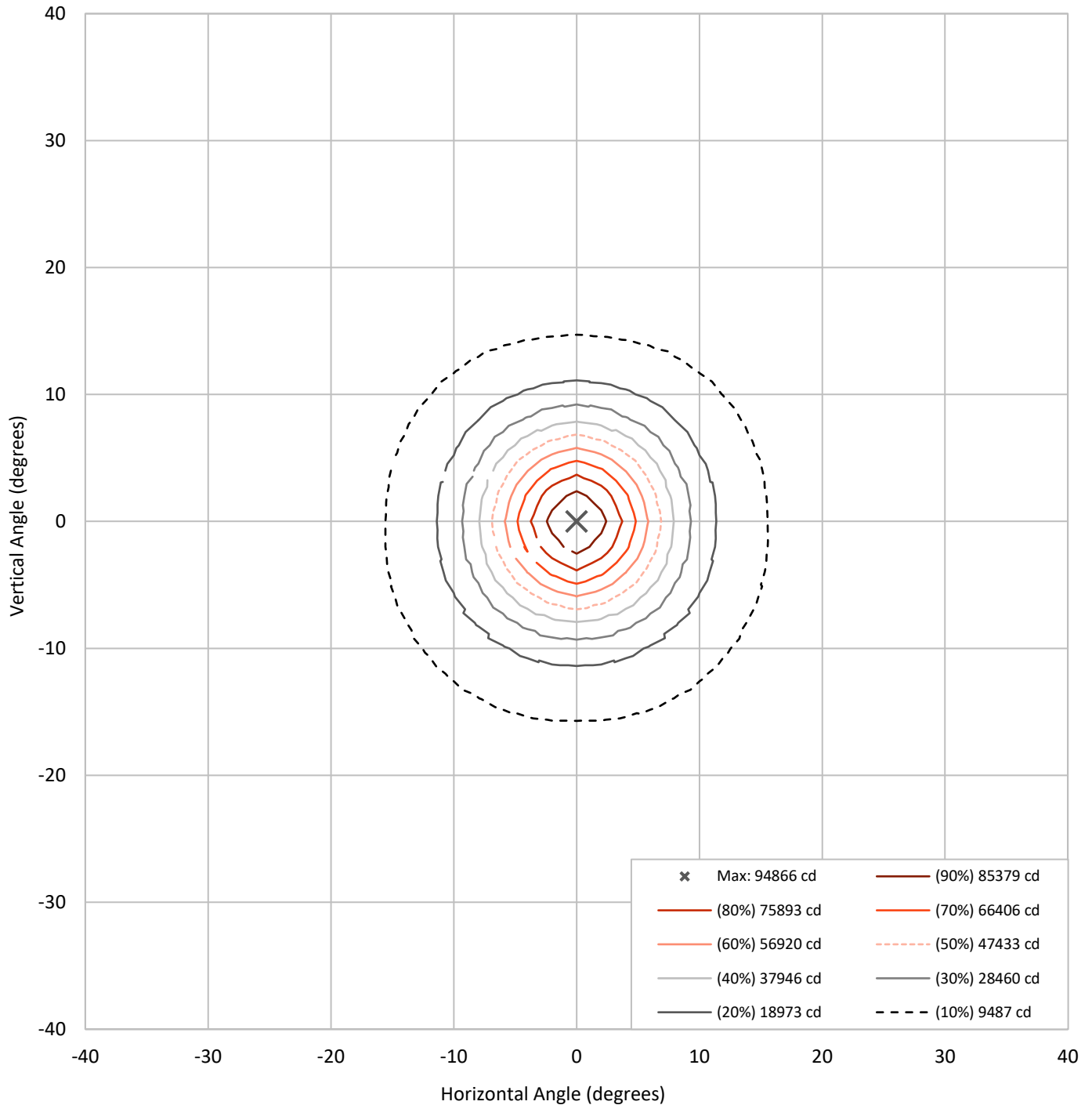
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	9358.7 lumens	Max Intensity:	94866 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	2987.7 lumens	Field Lumens:	6654.6 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	63.6		
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





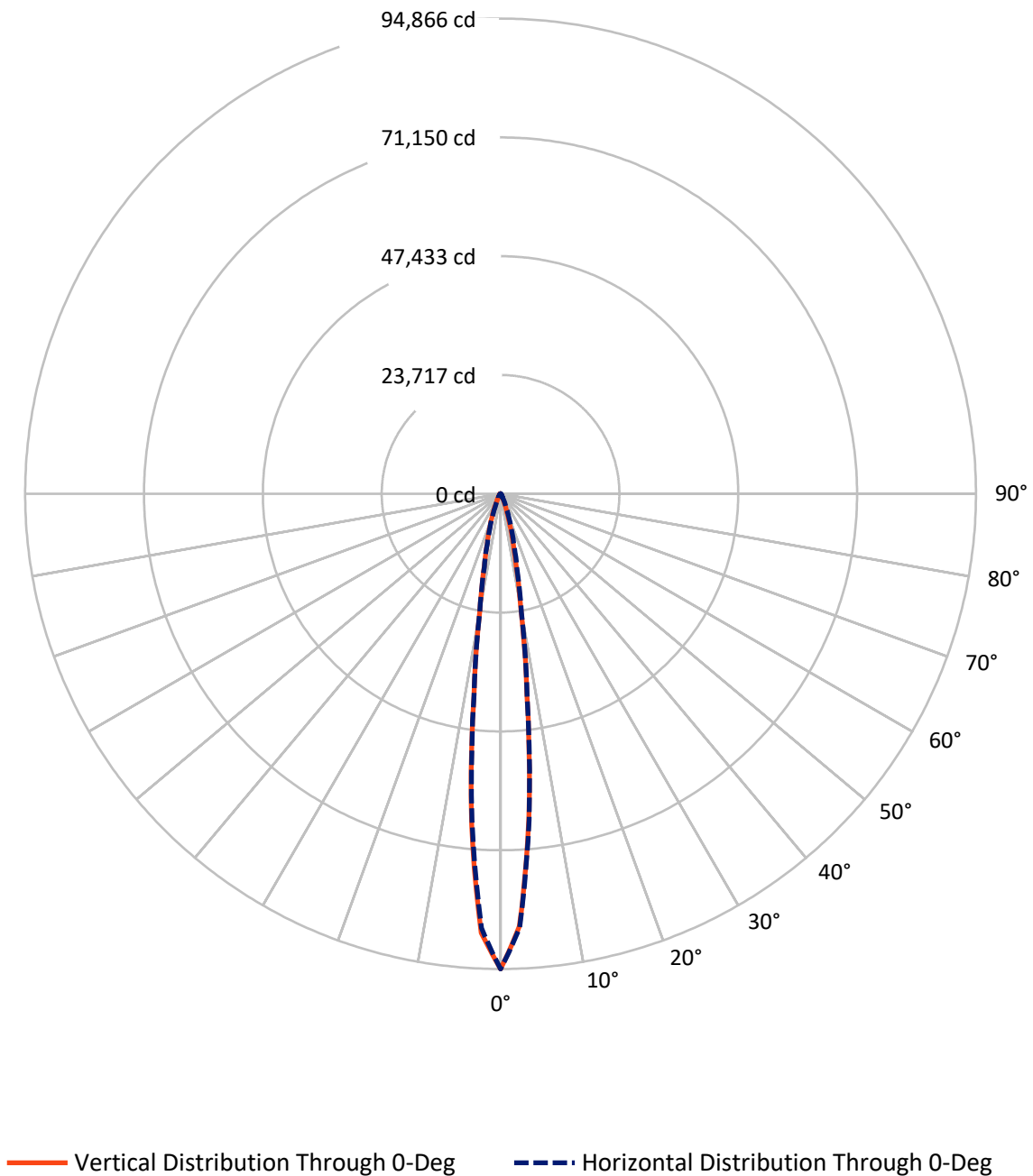
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### Lumen Table

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	0.0	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		
60		0.0	0.1	0.2	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.2	0.1	0.0				
50	0.0	0.1	0.3	0.8	1.5	2.2	3.2	3.7	3.7	3.2	2.2	1.5	0.8	0.3	0.1	0.0			
40		0.1	0.7	1.6	2.8	4.5	7.6	9.7	9.7	7.6	4.5	2.8	1.6	0.7	0.1				
30	0.1	0.3	1.0	2.4	4.4	9.5	25.4	42.1	42.1	25.4	9.5	4.4	2.4	1.0	0.3	0.1			
20		0.4	1.4	3.3	7.2	28.5	120.0	263.7	263.7	120.0	28.5	7.2	3.3	1.4	0.4				
10	0.1	0.5	1.7	3.9	9.8	53.4	287.5	1289.2	1289.2	287.5	53.4	9.8	3.9	1.7	0.5	0.1			
0		0.6	1.9	4.1	10.6	56.9	297.6	1311.1	1311.1	297.6	56.9	10.6	4.1	1.9	0.6				
-10	0.2	0.6	1.9	4.1	9.3	36.2	144.4	308.9	308.9	144.4	36.2	9.3	4.1	1.9	0.6	0.2			
-20		0.6	1.8	3.7	7.2	16.9	44.5	74.2	74.2	44.5	16.9	7.2	3.7	1.8	0.6				
-30	0.2	0.5	1.7	3.3	5.6	9.3	15.1	19.2	19.2	15.1	9.3	5.6	3.3	1.7	0.5	0.2			
-40		0.4	1.4	2.7	4.5	6.5	8.7	9.7	9.7	8.7	6.5	4.5	2.7	1.4	0.4				
-50	0.1	0.3	1.0	2.1	3.6	5.0	6.3	6.9	6.9	6.3	5.0	3.6	2.1	1.0	0.3	0.1			
-60		0.2	0.6	1.4	2.4	3.5	4.4	4.8	4.8	4.4	3.5	2.4	1.4	0.6	0.2				
-70	0.0	0.6	2.4	5.2	6.6	5.2	2.4	0.6	0.0	0.0									
-80		0.6	2.4	5.2	6.6	5.2	2.4	0.6											
-90	0.0	0.6	2.4	5.2	6.6	5.2	2.4	0.6	0.0	0.6	2.4	5.2	6.6	5.2	2.4	0.6	0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

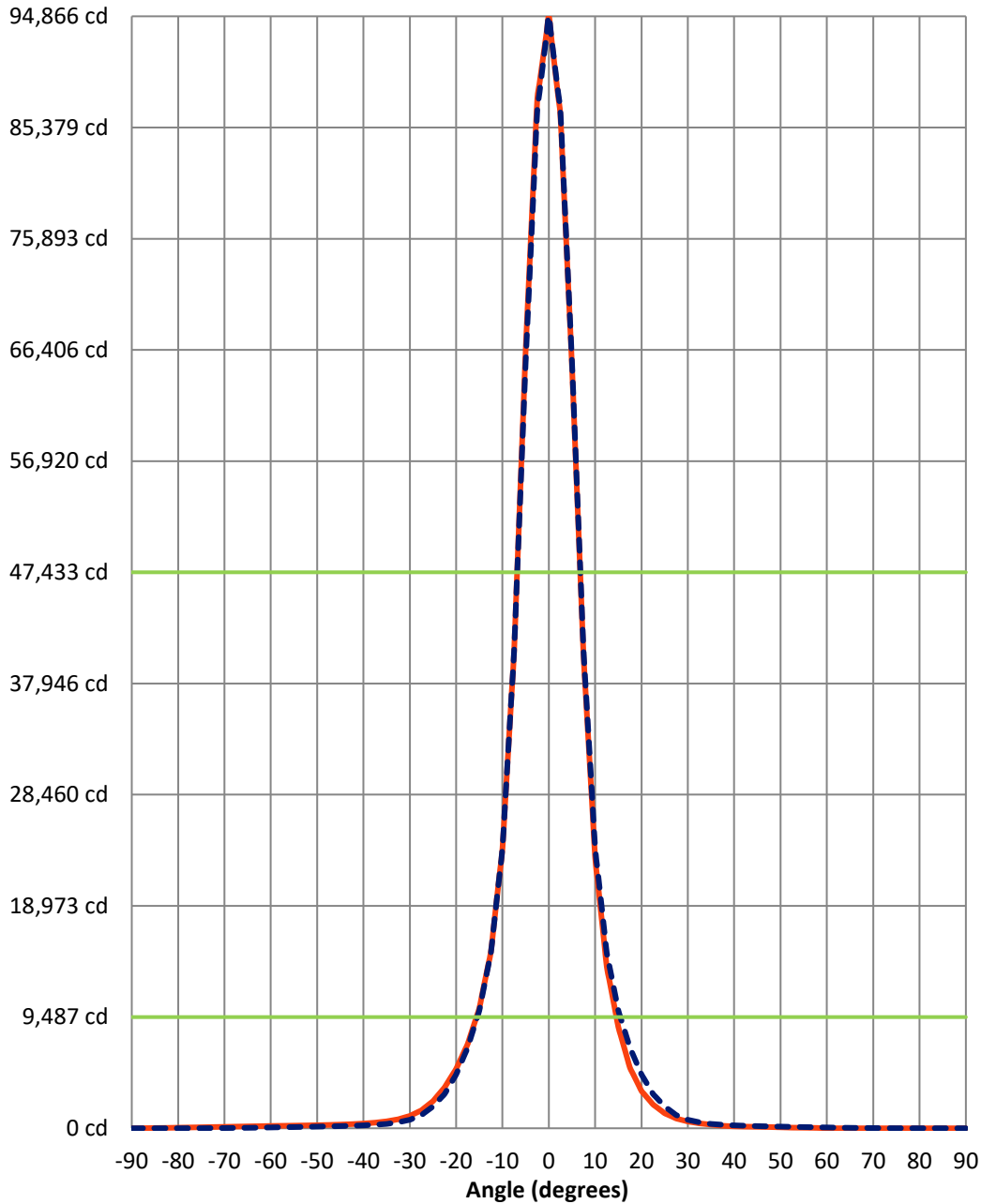
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 2987.7  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 6654.6  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 2704.1  
 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.3	0.1	0.0	0.2	0.3	0.1	0.1	0.4	0.4	0.2
70°	0.0	0.4	0.1	0.0	0.4	0.5	0.2	0.6	0.8	0.7	0.3
67.5°	0.0	0.4	0.1	0.2	0.6	0.6	0.7	1.1	1.3	0.8	0.3
65°	0.0	0.5	0.2	0.4	0.8	0.9	1.2	1.7	1.3	0.9	0.6
62.5°	0.0	0.5	0.2	0.6	1.0	1.1	1.6	1.9	1.4	1.0	1.3
60°	0.0	0.6	0.3	0.8	1.3	1.4	2.0	1.9	1.5	1.4	1.8
57.5°	0.0	0.6	0.4	1.1	1.4	1.6	2.0	2.0	1.7	1.8	2.0
55°	0.0	0.7	0.6	1.3	1.5	1.8	2.0	2.0	1.8	2.0	2.0
52.5°	0.0	0.7	0.8	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.0
50°	0.0	0.8	0.9	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.3
47.5°	0.0	0.9	1.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.8
45°	0.0	0.9	1.2	1.9	1.9	2.0	2.0	2.0	2.1	2.5	3.3
42.5°	0.0	1.0	1.3	2.0	2.0	2.0	2.0	2.1	2.2	3.0	4.4
40°	0.0	1.0	1.4	2.0	2.0	2.0	2.0	2.2	2.5	3.7	5.7
37.5°	0.0	1.1	1.5	2.0	2.0	2.0	2.0	2.4	3.2	4.6	7.0
35°	0.0	1.2	1.6	2.0	2.0	2.0	2.0	2.7	4.0	5.9	8.6
32.5°	0.0	1.2	1.7	2.0	2.0	2.0	2.1	2.9	4.8	7.1	10.7
30°	0.0	1.3	1.7	2.0	2.0	2.0	2.3	3.3	5.6	8.3	13.0
27.5°	0.0	1.4	1.8	2.0	2.0	2.0	2.5	4.0	6.4	9.4	15.4
25°	0.0	1.4	1.8	2.0	2.0	2.0	2.7	4.6	7.4	11.1	18.0
22.5°	0.0	1.5	1.9	2.0	2.0	2.0	3.0	5.3	8.3	13.1	21.1
20°	0.0	1.6	1.9	2.0	2.0	2.2	3.2	5.9	9.2	15.2	23.9
17.5°	0.0	1.6	1.9	2.0	2.0	2.4	3.6	6.5	10.0	17.3	26.5
15°	0.0	1.7	2.0	2.0	2.0	2.6	4.0	7.2	10.7	19.3	28.8
12.5°	0.0	1.7	2.0	2.0	2.0	2.8	4.4	7.8	11.7	21.3	30.9
10°	0.0	1.8	2.0	2.0	2.0	3.0	4.7	8.3	13.0	23.1	32.8
7.5°	0.0	1.9	2.0	2.0	2.0	3.3	5.1	8.8	14.4	24.7	34.4
5°	0.0	1.9	2.0	2.0	2.0	3.5	5.4	9.3	15.7	26.1	35.9
2.5°	0.0	2.0	2.0	2.0	2.0	3.8	5.7	9.7	16.9	27.2	37.1
0°	0.0	2.0	2.0	2.0	2.0	4.0	6.0	10.0	18.1	28.1	38.2
-2.5°	0.0	2.0	2.0	2.0	2.2	4.2	6.5	10.6	19.1	28.8	39.5
-5°	0.0	2.0	2.0	2.0	2.3	4.4	7.0	11.2	20.0	29.4	40.5
-7.5°	0.0	2.0	2.0	2.0	2.5	4.6	7.5	11.7	20.7	29.9	41.3
-10°	0.0	2.0	2.0	2.0	2.7	4.7	7.8	12.1	21.2	30.2	41.8
-12.5°	0.0	2.0	2.0	2.0	2.8	4.9	8.2	12.5	21.6	30.5	42.6
-15°	0.0	1.9	2.0	2.0	2.9	5.0	8.4	12.8	21.6	31.1	43.3
-17.5°	0.0	1.9	2.0	2.0	3.0	5.1	8.6	13.1	21.5	31.4	43.7
-20°	0.0	1.9	2.0	2.0	3.0	5.1	8.7	13.4	21.2	31.4	43.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2B-735-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	1.8	2.0	2.0	3.1	5.2	8.8	13.5	20.7	31.1	43.1
-25°	0.0	1.8	2.0	2.0	3.1	5.3	8.9	13.6	20.1	30.3	42.1
-27.5°	0.0	1.8	2.0	2.0	3.0	5.4	8.9	13.5	19.3	29.3	41.2
-30°	0.0	1.7	2.0	2.0	2.9	5.5	8.9	13.4	18.9	28.2	39.8
-32.5°	0.0	1.7	2.0	2.0	2.9	5.6	8.8	13.2	18.6	27.0	37.9
-35°	0.0	1.6	2.0	2.0	2.9	5.6	8.7	13.1	18.2	25.5	35.5
-37.5°	0.0	1.6	2.0	2.0	2.8	5.5	8.7	12.8	17.7	23.9	34.1
-40°	0.0	1.5	2.0	2.0	2.7	5.4	8.6	12.5	17.0	22.9	32.9
-42.5°	0.0	1.5	2.0	2.0	2.7	5.2	8.4	12.2	16.5	22.5	31.3
-45°	0.0	1.4	2.0	2.1	2.8	5.0	8.1	11.8	16.0	21.8	29.7
-47.5°	0.0	1.4	2.0	2.1	2.8	4.8	7.8	11.4	15.5	20.8	28.5
-50°	0.0	1.3	2.0	2.1	2.8	4.4	7.4	10.9	14.9	20.1	27.0
-52.5°	0.0	1.2	2.0	2.2	2.8	4.1	6.9	10.3	14.2	19.0	25.3
-55°	0.0	1.1	2.0	2.2	2.8	4.0	6.4	9.6	13.3	17.5	23.4
-57.5°	0.0	1.1	2.0	2.2	2.8	3.9	5.8	8.8	12.3	16.3	21.2
-60°	0.0	1.0	2.0	2.1	2.7	3.7	5.2	8.0	11.2	14.9	19.0
-62.5°	0.0	0.9	1.8	2.1	2.7	3.6	4.9	7.0	10.1	13.5	17.3
-65°	0.0	0.8	1.7	2.1	2.6	3.4	4.6	6.2	8.8	12.0	15.5
-67.5°	0.0	0.8	1.5	2.1	2.4	3.2	4.3	5.7	7.5	10.3	13.5
-70°	0.0	0.7	1.4	2.0	2.3	2.9	3.9	5.1	6.7	8.6	11.4
-72.5°	0.0	0.6	1.2	1.8	2.2	2.7	3.5	4.5	5.9	7.4	9.3
-75°	0.0	0.5	1.0	1.5	2.0	2.4	3.0	4.0	5.0	6.3	7.8
-77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	3.4	4.3	5.2	6.3
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.8	3.7	4.5	5.3
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.2	3.0	3.8	4.5
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.5	2.0	2.7	3.4
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.8	1.0	1.3	1.7
-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	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.6	0.7	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	1.0	1.3	1.0	0.5	0.0	0.5	0.7	0.5	0.1	0.0	0.0
62.5°	1.9	1.6	1.1	0.8	1.1	1.5	1.2	0.7	0.2	1.0	1.4
60°	2.0	1.7	1.4	1.6	2.0	1.8	1.3	1.9	2.9	3.7	4.5
57.5°	2.0	1.9	1.8	2.2	2.3	2.3	3.5	4.7	6.7	8.3	9.4
55°	2.1	2.0	2.3	2.7	3.4	4.8	6.5	9.2	11.4	14.7	17.5
52.5°	2.3	2.3	3.0	4.1	6.1	8.3	11.4	15.2	19.5	22.7	26.1
50°	2.6	3.3	4.3	6.9	9.6	13.1	18.2	23.7	27.3	30.9	35.8
47.5°	3.6	4.5	7.0	10.0	14.0	19.5	26.6	30.5	34.1	39.8	45.9
45°	4.8	6.8	9.9	14.1	19.5	27.2	32.8	36.0	42.2	48.8	55.8
42.5°	6.1	9.4	13.6	18.1	26.5	33.9	38.9	44.1	50.3	58.0	65.5
40°	8.3	12.0	17.7	24.6	33.2	40.4	46.7	52.6	58.8	68.9	76.9
37.5°	10.6	15.9	22.4	30.9	39.8	47.7	54.7	62.2	71.0	82.3	89.6
35°	12.8	19.9	27.9	37.0	46.5	55.3	63.8	72.5	83.9	94.6	103.3
32.5°	15.8	24.1	33.0	42.8	52.6	62.6	72.9	83.3	94.5	105.6	116.9
30°	19.6	28.5	37.9	48.4	58.2	69.9	81.8	92.8	104.1	115.7	128.5
27.5°	23.4	32.6	42.7	53.4	63.7	77.0	89.8	101.3	112.9	125.4	140.0
25°	27.0	36.8	47.3	57.9	70.0	84.2	98.3	111.6	121.4	135.6	152.6
22.5°	30.4	40.8	52.2	61.9	76.0	91.5	107.8	122.2	133.8	146.5	165.8
20°	33.8	45.0	56.7	67.6	82.0	98.7	118.1	132.9	147.3	163.6	183.3
17.5°	37.0	48.8	61.2	74.1	89.3	106.6	128.6	143.7	160.9	180.5	205.3
15°	40.0	52.4	65.7	80.1	95.9	114.5	135.7	154.6	175.1	197.7	227.1
12.5°	42.9	55.7	70.1	85.7	101.7	121.3	141.7	161.7	185.4	215.0	251.9
10°	45.5	58.7	74.4	90.9	106.8	127.1	147.0	167.8	192.8	225.3	267.6
7.5°	47.7	61.7	78.4	95.6	111.2	131.8	151.5	172.8	199.0	233.8	278.1
5°	49.5	64.8	82.2	98.6	114.8	135.9	155.4	176.8	203.9	240.5	285.6
2.5°	51.0	67.7	85.6	100.8	117.9	139.6	158.4	181.2	208.9	245.6	292.6
0°	52.2	70.3	88.4	102.4	120.5	142.6	160.6	184.7	212.8	249.0	299.2
-2.5°	54.6	72.4	90.1	104.3	123.3	143.1	162.1	185.2	214.3	251.6	300.4
-5°	56.7	74.1	91.3	105.7	125.3	143.0	162.8	184.8	214.9	253.1	302.6
-7.5°	58.2	75.3	92.1	106.9	126.4	143.7	163.7	186.2	216.4	254.5	305.4
-10°	59.2	76.3	92.7	108.3	126.7	144.3	164.0	186.6	216.1	253.6	303.9
-12.5°	59.8	76.8	93.1	109.1	126.6	144.3	163.5	185.7	213.9	250.4	297.7
-15°	60.0	77.0	93.0	109.2	126.3	143.4	162.2	183.6	210.0	245.0	287.9
-17.5°	59.8	76.9	92.6	108.5	125.9	141.8	160.2	180.7	205.9	238.7	280.0
-20°	59.3	76.5	91.9	107.1	125.2	140.3	158.2	178.0	201.7	231.4	268.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-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°	58.5	75.8	90.9	105.6	123.0	138.8	155.6	174.5	195.8	222.6	255.4
-25°	57.5	74.4	89.7	104.5	120.4	136.7	152.3	170.3	189.8	215.6	245.1
-27.5°	56.2	72.7	87.9	102.9	117.8	133.7	149.0	166.0	185.3	208.1	234.5
-30°	54.4	70.2	85.5	100.8	115.4	130.4	145.2	161.4	179.6	201.1	225.4
-32.5°	52.0	67.5	82.4	97.5	112.8	127.1	141.0	156.5	173.6	192.5	215.7
-35°	49.6	64.6	79.1	93.5	109.5	123.3	136.8	151.0	166.9	184.4	203.3
-37.5°	47.4	61.4	75.6	89.2	104.4	118.7	131.8	145.4	160.0	176.1	193.3
-40°	45.0	58.0	71.9	85.1	98.5	113.1	126.1	139.3	152.8	168.9	184.2
-42.5°	42.5	55.2	68.0	81.0	93.7	106.8	119.8	132.4	146.7	161.9	176.9
-45°	40.4	52.2	64.1	76.7	89.3	101.1	113.3	125.0	139.6	154.8	169.5
-47.5°	38.0	49.1	60.7	72.1	84.4	96.3	107.2	119.1	131.5	145.9	161.2
-50°	35.5	46.0	56.7	67.5	79.1	90.9	102.1	113.0	124.7	136.5	149.8
-52.5°	33.3	42.5	52.4	62.3	73.3	84.9	96.1	107.1	117.8	128.9	140.3
-55°	30.8	39.2	47.9	57.2	66.9	77.9	89.1	99.8	110.8	121.2	132.2
-57.5°	27.9	35.5	43.5	52.2	61.0	70.1	80.8	91.5	101.8	112.3	123.8
-60°	24.8	31.5	38.7	46.7	55.3	63.6	72.4	82.3	92.2	102.2	112.7
-62.5°	21.5	27.3	33.8	40.8	48.7	56.9	64.9	73.3	82.2	90.9	100.0
-65°	19.3	23.4	28.9	35.1	41.6	48.9	56.4	64.2	72.1	79.4	86.5
-67.5°	16.9	20.7	24.7	29.3	35.1	41.3	47.4	54.3	61.4	68.1	74.7
-70°	14.4	17.8	21.3	25.1	29.3	34.4	40.0	45.6	51.0	56.7	62.8
-72.5°	11.8	14.7	17.8	21.1	24.7	28.7	33.0	37.8	42.6	47.3	52.0
-75°	9.7	11.6	14.2	17.0	20.0	23.2	26.3	30.1	34.2	38.3	42.3
-77.5°	8.0	9.7	11.5	13.2	15.4	18.3	21.1	23.9	26.7	29.8	33.1
-80°	6.5	7.8	9.4	11.0	12.5	14.3	16.2	18.4	20.4	22.5	24.7
-82.5°	5.4	6.4	7.6	8.8	9.7	10.6	11.6	12.9	14.3	15.7	17.1
-85°	4.1	5.0	5.7	6.6	7.0	7.4	7.9	8.5	9.3	10.2	11.0
-87.5°	2.1	2.5	3.0	3.4	3.7	3.9	4.1	4.2	4.8	5.4	5.9
-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: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-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	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	1.2	1.0	1.5	2.1	2.3	2.2	2.0	1.8	1.6	1.4	1.6
60°	4.8	4.7	6.6	7.5	6.8	4.8	7.5	8.9	8.6	7.3	7.3
57.5°	11.8	14.3	16.2	17.0	19.6	23.9	24.7	23.3	22.8	23.2	26.9
55°	20.5	22.5	23.5	27.2	30.4	32.7	34.1	35.5	37.6	40.1	42.7
52.5°	28.9	31.7	33.8	37.1	41.0	42.3	42.0	46.9	50.8	53.3	54.3
50°	39.7	43.2	48.1	53.3	55.5	57.7	59.9	64.0	69.9	77.4	81.6
47.5°	51.3	56.8	62.0	67.9	70.8	73.1	76.5	83.6	92.1	100.1	104.2
45°	61.7	66.7	72.7	77.7	81.3	85.8	90.7	97.2	106.6	114.9	120.7
42.5°	70.2	75.7	81.8	88.0	91.7	97.7	105.2	113.9	123.8	132.5	138.9
40°	81.9	86.6	96.4	102.2	103.7	109.3	124.3	136.3	147.5	158.1	163.4
37.5°	96.2	105.3	115.5	120.8	125.9	135.9	156.0	175.2	189.5	203.9	211.8
35°	112.3	124.4	138.2	144.5	155.6	177.1	200.7	227.6	260.9	274.9	287.6
32.5°	128.1	141.5	154.3	168.3	187.7	213.4	240.0	283.5	324.1	355.6	378.5
30°	142.0	156.2	172.2	190.1	217.5	252.9	297.4	353.6	410.8	460.8	503.1
27.5°	155.8	172.0	190.9	217.7	256.2	304.3	375.2	455.5	551.1	621.5	705.5
25°	170.9	189.5	213.7	252.5	304.4	376.3	489.7	620.1	776.8	903.9	1036.8
22.5°	188.7	216.2	246.9	290.2	380.9	499.4	654.3	877.1	1118.2	1341.0	1555.6
20°	210.3	247.8	297.2	376.9	493.3	668.4	937.6	1293.2	1647.7	2025.2	2388.7
17.5°	241.1	295.2	372.0	485.3	638.7	985.2	1422.0	1971.9	2678.5	3318.9	3877.9
15°	270.1	334.6	455.8	625.3	892.9	1352.1	2015.5	2923.2	4024.4	5028.0	6088.0
12.5°	300.4	376.6	515.8	731.6	1103.5	1701.3	2633.6	3877.4	5256.2	6768.7	8491.6
10°	324.4	417.0	583.7	857.3	1315.7	2060.1	3170.6	4679.0	6511.3	8749.7	11503.8
7.5°	340.6	449.3	639.7	949.2	1511.0	2427.0	3763.8	5576.9	7867.6	10833.1	14686.7
5°	353.3	474.0	681.8	1033.1	1676.2	2707.1	4203.3	6363.2	9073.0	13046.1	19577.0
2.5°	363.5	492.9	707.9	1090.8	1779.9	2902.2	4498.2	6808.1	9790.5	14682.4	23155.2
0°	371.5	510.0	724.9	1126.5	1859.4	2921.6	4590.3	6889.5	10048.0	14977.7	23925.3
-2.5°	374.9	519.2	730.8	1134.3	1851.5	2955.1	4618.4	6954.5	10038.3	14815.9	23065.3
-5°	380.5	519.0	726.4	1126.3	1810.0	2868.6	4435.0	6590.6	9432.7	13541.6	20300.2
-7.5°	384.5	510.8	705.3	1075.3	1701.3	2681.4	4112.7	5987.7	8330.5	11450.3	15636.1
-10°	380.8	494.9	670.3	989.7	1532.3	2381.2	3622.6	5191.8	7138.9	9450.9	12294.9
-12.5°	366.5	465.5	613.0	869.8	1313.5	2044.9	3129.5	4465.6	5906.8	7530.5	9495.7
-15°	348.4	433.9	561.5	787.5	1151.4	1711.5	2503.4	3587.3	4743.4	5976.2	7290.8
-17.5°	334.3	406.2	511.8	675.4	943.0	1388.4	2010.7	2780.7	3630.3	4568.9	5347.9
-20°	315.2	372.0	460.6	594.3	798.5	1093.6	1546.8	2106.2	2666.8	3326.7	3864.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-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°	296.0	345.5	413.0	510.8	662.7	885.7	1165.7	1539.2	1949.1	2327.9	2700.8
-25°	278.3	316.4	371.0	451.2	554.3	706.4	905.7	1120.0	1390.2	1620.8	1876.6
-27.5°	263.9	296.6	336.9	395.7	475.7	573.6	716.3	859.9	1002.0	1118.3	1294.5
-30°	250.0	276.4	310.1	352.0	411.9	487.4	580.0	673.2	755.2	830.0	921.7
-32.5°	236.4	257.8	283.7	318.5	361.5	418.2	475.1	541.9	598.9	651.5	700.2
-35°	222.7	241.8	261.5	290.9	325.2	365.4	406.8	452.1	491.5	527.0	558.3
-37.5°	210.4	227.1	245.7	267.5	295.2	325.5	359.3	392.1	418.2	441.2	460.3
-40°	200.0	215.2	231.1	248.6	269.6	293.5	322.2	349.6	367.8	381.9	393.5
-42.5°	190.7	204.1	217.6	232.5	248.6	269.3	292.0	314.6	327.0	337.8	346.2
-45°	183.2	193.5	204.9	217.6	231.9	249.2	267.0	282.6	293.7	303.1	310.0
-47.5°	173.4	183.3	193.1	203.6	216.9	231.4	246.1	258.1	267.8	275.9	281.2
-50°	162.5	173.0	182.0	191.2	203.4	215.7	227.5	237.5	246.7	254.7	258.8
-52.5°	151.3	162.5	171.9	180.9	191.2	201.9	212.5	221.0	229.1	236.6	239.8
-55°	143.2	153.5	163.3	171.7	180.2	188.8	197.5	206.3	214.2	221.3	223.5
-57.5°	134.4	144.9	154.6	162.2	169.8	177.5	185.5	193.5	201.1	208.0	209.7
-60°	123.8	135.2	143.7	150.9	158.3	166.0	172.9	180.0	187.1	193.1	195.0
-62.5°	110.2	120.6	129.1	136.6	143.8	150.4	157.2	163.8	170.2	174.9	176.4
-65°	93.9	102.8	111.5	119.4	126.4	132.8	139.1	145.1	151.0	155.1	157.2
-67.5°	81.1	87.4	94.4	101.2	108.3	114.9	120.6	125.9	130.9	134.5	136.7
-70°	68.7	74.7	81.3	87.8	94.0	99.4	103.8	108.2	112.5	115.6	118.0
-72.5°	56.8	62.0	67.5	73.2	78.9	83.7	87.8	91.7	95.4	98.1	100.2
-75°	46.2	50.4	55.0	59.6	64.2	68.1	71.5	74.9	78.2	80.5	82.5
-77.5°	36.6	40.2	43.8	47.5	51.1	53.9	56.4	58.9	61.3	63.2	64.9
-80°	27.1	29.9	32.8	35.7	38.6	40.7	42.7	44.5	46.2	47.3	48.2
-82.5°	18.6	20.5	22.5	24.6	26.6	28.2	29.7	31.2	32.6	33.1	33.5
-85°	11.9	12.8	13.9	15.0	16.2	17.0	17.9	18.7	19.4	20.1	20.8
-87.5°	6.5	6.7	6.9	7.1	7.3	7.8	8.5	9.1	9.7	9.8	9.8
-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: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-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	0.2	0.4
62.5°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.6	1.4	1.6	1.8
60°	6.8	6.1	5.9	6.0	5.9	6.1	6.8	7.3	7.3	8.6	8.9
57.5°	30.5	33.9	34.9	34.1	34.9	33.9	30.5	26.9	23.2	22.8	23.3
55°	44.5	45.5	46.0	46.2	46.0	45.5	44.5	42.7	40.1	37.6	35.5
52.5°	54.5	54.1	54.1	54.2	54.1	54.1	54.5	54.3	53.3	50.8	46.9
50°	81.9	80.4	79.8	80.3	79.8	80.4	81.9	81.6	77.4	69.9	64.0
47.5°	104.7	105.2	105.9	106.4	105.9	105.2	104.7	104.2	100.1	92.1	83.6
45°	122.3	123.4	124.1	124.5	124.1	123.4	122.3	120.7	114.9	106.6	97.2
42.5°	140.3	140.4	140.2	140.6	140.2	140.4	140.3	138.9	132.5	123.8	113.9
40°	165.6	166.1	165.6	164.7	165.6	166.1	165.6	163.4	158.1	147.5	136.3
37.5°	216.4	217.1	214.7	212.8	214.7	217.1	216.4	211.8	203.9	189.5	175.2
35°	299.3	307.9	312.0	313.2	312.0	307.9	299.3	287.6	274.9	260.9	227.6
32.5°	394.4	406.4	412.4	417.7	412.4	406.4	394.4	378.5	355.6	324.1	283.5
30°	530.8	552.8	562.6	576.3	562.6	552.8	530.8	503.1	460.8	410.8	353.6
27.5°	753.3	792.0	813.4	833.3	813.4	792.0	753.3	705.5	621.5	551.1	455.5
25°	1133.5	1208.1	1256.3	1279.1	1256.3	1208.1	1133.5	1036.8	903.9	776.8	620.1
22.5°	1763.3	1900.8	2006.8	2028.1	2006.8	1900.8	1763.3	1555.6	1341.0	1118.2	877.1
20°	2741.3	2938.0	3098.1	3178.7	3098.1	2938.0	2741.3	2388.7	2025.2	1647.7	1293.2
17.5°	4543.8	4953.0	5139.9	5170.6	5139.9	4953.0	4543.8	3877.9	3318.9	2678.5	1971.9
15°	7225.3	7917.8	8357.4	8640.4	8357.4	7917.8	7225.3	6088.0	5028.0	4024.4	2923.2
12.5°	10285.0	12252.5	13372.1	13799.0	13372.1	12252.5	10285.0	8491.6	6768.7	5256.2	3877.4
10°	14437.5	19069.5	21741.5	23086.0	21741.5	19069.5	14437.5	11503.8	8749.7	6511.3	4679.0
7.5°	21485.4	28639.6	36566.1	40233.4	36566.1	28639.6	21485.4	14686.7	10833.1	7867.6	5576.9
5°	28894.4	44602.1	58388.9	64991.0	58388.9	44602.1	28894.4	19577.0	13046.1	9073.0	6363.2
2.5°	37409.8	58593.2	78179.0	86414.4	78179.0	58593.2	37409.8	23155.2	14682.4	9790.5	6808.1
0°	40687.1	65362.4	86782.8	94866.0	86782.8	65362.4	40687.1	23925.3	14977.7	10048.0	6889.5
-2.5°	37916.5	59619.5	78515.5	87751.6	78515.5	59619.5	37916.5	23065.3	14815.9	10038.3	6954.5
-5°	30126.6	44847.9	58842.2	66368.4	58842.2	44847.9	30126.6	20300.2	13541.6	9432.7	6590.6
-7.5°	22111.0	30125.2	37897.1	40614.9	37897.1	30125.2	22111.0	15636.1	11450.3	8330.5	5987.7
-10°	15394.2	19983.3	23012.6	23877.1	23012.6	19983.3	15394.2	12294.9	9450.9	7138.9	5191.8
-12.5°	11413.2	13420.5	14817.2	15060.0	14817.2	13420.5	11413.2	9495.7	7530.5	5906.8	4465.6
-15°	8451.2	9472.0	10192.3	10240.8	10192.3	9472.0	8451.2	7290.8	5976.2	4743.4	3587.3
-17.5°	6177.9	6863.1	7226.6	7200.7	7226.6	6863.1	6177.9	5347.9	4568.9	3630.3	2780.7
-20°	4417.5	4830.5	5123.4	5066.2	5123.4	4830.5	4417.5	3864.9	3326.7	2666.8	2106.2



REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-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°	3080.2	3354.4	3526.0	3481.9	3526.0	3354.4	3080.2	2700.8	2327.9	1949.1	1539.2
-25°	2092.9	2242.4	2327.4	2313.2	2327.4	2242.4	2092.9	1876.6	1620.8	1390.2	1120.0
-27.5°	1426.2	1505.1	1531.5	1530.1	1531.5	1505.1	1426.2	1294.5	1118.3	1002.0	859.9
-30°	989.9	1042.9	1073.3	1054.2	1073.3	1042.9	989.9	921.7	830.0	755.2	673.2
-32.5°	737.9	767.8	785.1	767.1	785.1	767.8	737.9	700.2	651.5	598.9	541.9
-35°	581.5	596.6	602.7	592.4	602.7	596.6	581.5	558.3	527.0	491.5	452.1
-37.5°	474.1	483.0	486.0	479.9	486.0	483.0	474.1	460.3	441.2	418.2	392.1
-40°	401.7	407.1	408.4	403.6	408.4	407.1	401.7	393.5	381.9	367.8	349.6
-42.5°	351.4	354.7	355.5	353.4	355.5	354.7	351.4	346.2	337.8	327.0	314.6
-45°	314.1	316.9	317.4	315.3	317.4	316.9	314.1	310.0	303.1	293.7	282.6
-47.5°	283.9	285.5	286.0	285.1	286.0	285.5	283.9	281.2	275.9	267.8	258.1
-50°	260.7	261.9	262.0	261.0	262.0	261.9	260.7	258.8	254.7	246.7	237.5
-52.5°	241.3	242.2	242.7	243.0	242.7	242.2	241.3	239.8	236.6	229.1	221.0
-55°	225.0	226.0	226.7	226.9	226.7	226.0	225.0	223.5	221.3	214.2	206.3
-57.5°	211.1	212.0	212.6	212.8	212.6	212.0	211.1	209.7	208.0	201.1	193.5
-60°	196.6	197.8	198.5	198.8	198.5	197.8	196.6	195.0	193.1	187.1	180.0
-62.5°	177.5	178.0	178.5	178.7	178.5	178.0	177.5	176.4	174.9	170.2	163.8
-65°	158.7	159.8	160.4	160.6	160.4	159.8	158.7	157.2	155.1	151.0	145.1
-67.5°	138.5	139.9	141.3	142.6	141.3	139.9	138.5	136.7	134.5	130.9	125.9
-70°	120.0	121.8	122.4	122.5	122.4	121.8	120.0	118.0	115.6	112.5	108.2
-72.5°	102.1	103.8	105.2	106.4	105.2	103.8	102.1	100.2	98.1	95.4	91.7
-75°	84.3	85.8	86.2	86.3	86.2	85.8	84.3	82.5	80.5	78.2	74.9
-77.5°	66.5	67.9	68.2	68.3	68.2	67.9	66.5	64.9	63.2	61.3	58.9
-80°	49.1	49.9	51.1	52.2	51.1	49.9	49.1	48.2	47.3	46.2	44.5
-82.5°	33.8	34.0	34.1	34.1	34.1	34.0	33.8	33.5	33.1	32.6	31.2
-85°	21.4	22.0	22.1	22.1	22.1	22.0	21.4	20.8	20.1	19.4	18.7
-87.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-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	0.1
65°	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.5
62.5°	2.0	2.2	2.3	2.1	1.5	1.0	1.2	1.4	1.0	0.2	0.7
60°	7.5	4.8	6.8	7.5	6.6	4.7	4.8	4.5	3.7	2.9	1.9
57.5°	24.7	23.9	19.6	17.0	16.2	14.3	11.8	9.4	8.3	6.7	4.7
55°	34.1	32.7	30.4	27.2	23.5	22.5	20.5	17.5	14.7	11.4	9.2
52.5°	42.0	42.3	41.0	37.1	33.8	31.7	28.9	26.1	22.7	19.5	15.2
50°	59.9	57.7	55.5	53.3	48.1	43.2	39.7	35.8	30.9	27.3	23.7
47.5°	76.5	73.1	70.8	67.9	62.0	56.8	51.3	45.9	39.8	34.1	30.5
45°	90.7	85.8	81.3	77.7	72.7	66.7	61.7	55.8	48.8	42.2	36.0
42.5°	105.2	97.7	91.7	88.0	81.8	75.7	70.2	65.5	58.0	50.3	44.1
40°	124.3	109.3	103.7	102.2	96.4	86.6	81.9	76.9	68.9	58.8	52.6
37.5°	156.0	135.9	125.9	120.8	115.5	105.3	96.2	89.6	82.3	71.0	62.2
35°	200.7	177.1	155.6	144.5	138.2	124.4	112.3	103.3	94.6	83.9	72.5
32.5°	240.0	213.4	187.7	168.3	154.3	141.5	128.1	116.9	105.6	94.5	83.3
30°	297.4	252.9	217.5	190.1	172.2	156.2	142.0	128.5	115.7	104.1	92.8
27.5°	375.2	304.3	256.2	217.7	190.9	172.0	155.8	140.0	125.4	112.9	101.3
25°	489.7	376.3	304.4	252.5	213.7	189.5	170.9	152.6	135.6	121.4	111.6
22.5°	654.3	499.4	380.9	290.2	246.9	216.2	188.7	165.8	146.5	133.8	122.2
20°	937.6	668.4	493.3	376.9	297.2	247.8	210.3	183.3	163.6	147.3	132.9
17.5°	1422.0	985.2	638.7	485.3	372.0	295.2	241.1	205.3	180.5	160.9	143.7
15°	2015.5	1352.1	892.9	625.3	455.8	334.6	270.1	227.1	197.7	175.1	154.6
12.5°	2633.6	1701.3	1103.5	731.6	515.8	376.6	300.4	251.9	215.0	185.4	161.7
10°	3170.6	2060.1	1315.7	857.3	583.7	417.0	324.4	267.6	225.3	192.8	167.8
7.5°	3763.8	2427.0	1511.0	949.2	639.7	449.3	340.6	278.1	233.8	199.0	172.8
5°	4203.3	2707.1	1676.2	1033.1	681.8	474.0	353.3	285.6	240.5	203.9	176.8
2.5°	4498.2	2902.2	1779.9	1090.8	707.9	492.9	363.5	292.6	245.6	208.9	181.2
0°	4590.3	2921.6	1859.4	1126.5	724.9	510.0	371.5	299.2	249.0	212.8	184.7
-2.5°	4618.4	2955.1	1851.5	1134.3	730.8	519.2	374.9	300.4	251.6	214.3	185.2
-5°	4435.0	2868.6	1810.0	1126.3	726.4	519.0	380.5	302.6	253.1	214.9	184.8
-7.5°	4112.7	2681.4	1701.3	1075.3	705.3	510.8	384.5	305.4	254.5	216.4	186.2
-10°	3622.6	2381.2	1532.3	989.7	670.3	494.9	380.8	303.9	253.6	216.1	186.6
-12.5°	3129.5	2044.9	1313.5	869.8	613.0	465.5	366.5	297.7	250.4	213.9	185.7
-15°	2503.4	1711.5	1151.4	787.5	561.5	433.9	348.4	287.9	245.0	210.0	183.6
-17.5°	2010.7	1388.4	943.0	675.4	511.8	406.2	334.3	280.0	238.7	205.9	180.7
-20°	1546.8	1093.6	798.5	594.3	460.6	372.0	315.2	268.4	231.4	201.7	178.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-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°	1165.7	885.7	662.7	510.8	413.0	345.5	296.0	255.4	222.6	195.8	174.5
-25°	905.7	706.4	554.3	451.2	371.0	316.4	278.3	245.1	215.6	189.8	170.3
-27.5°	716.3	573.6	475.7	395.7	336.9	296.6	263.9	234.5	208.1	185.3	166.0
-30°	580.0	487.4	411.9	352.0	310.1	276.4	250.0	225.4	201.1	179.6	161.4
-32.5°	475.1	418.2	361.5	318.5	283.7	257.8	236.4	215.7	192.5	173.6	156.5
-35°	406.8	365.4	325.2	290.9	261.5	241.8	222.7	203.3	184.4	166.9	151.0
-37.5°	359.3	325.5	295.2	267.5	245.7	227.1	210.4	193.3	176.1	160.0	145.4
-40°	322.2	293.5	269.6	248.6	231.1	215.2	200.0	184.2	168.9	152.8	139.3
-42.5°	292.0	269.3	248.6	232.5	217.6	204.1	190.7	176.9	161.9	146.7	132.4
-45°	267.0	249.2	231.9	217.6	204.9	193.5	183.2	169.5	154.8	139.6	125.0
-47.5°	246.1	231.4	216.9	203.6	193.1	183.3	173.4	161.2	145.9	131.5	119.1
-50°	227.5	215.7	203.4	191.2	182.0	173.0	162.5	149.8	136.5	124.7	113.0
-52.5°	212.5	201.9	191.2	180.9	171.9	162.5	151.3	140.3	128.9	117.8	107.1
-55°	197.5	188.8	180.2	171.7	163.3	153.5	143.2	132.2	121.2	110.8	99.8
-57.5°	185.5	177.5	169.8	162.2	154.6	144.9	134.4	123.8	112.3	101.8	91.5
-60°	172.9	166.0	158.3	150.9	143.7	135.2	123.8	112.7	102.2	92.2	82.3
-62.5°	157.2	150.4	143.8	136.6	129.1	120.6	110.2	100.0	90.9	82.2	73.3
-65°	139.1	132.8	126.4	119.4	111.5	102.8	93.9	86.5	79.4	72.1	64.2
-67.5°	120.6	114.9	108.3	101.2	94.4	87.4	81.1	74.7	68.1	61.4	54.3
-70°	103.8	99.4	94.0	87.8	81.3	74.7	68.7	62.8	56.7	51.0	45.6
-72.5°	87.8	83.7	78.9	73.2	67.5	62.0	56.8	52.0	47.3	42.6	37.8
-75°	71.5	68.1	64.2	59.6	55.0	50.4	46.2	42.3	38.3	34.2	30.1
-77.5°	56.4	53.9	51.1	47.5	43.8	40.2	36.6	33.1	29.8	26.7	23.9
-80°	42.7	40.7	38.6	35.7	32.8	29.9	27.1	24.7	22.5	20.4	18.4
-82.5°	29.7	28.2	26.6	24.6	22.5	20.5	18.6	17.1	15.7	14.3	12.9
-85°	17.9	17.0	16.2	15.0	13.9	12.8	11.9	11.0	10.2	9.3	8.5
-87.5°	8.5	7.8	7.3	7.1	6.9	6.7	6.5	5.9	5.4	4.8	4.2
-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: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-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	0.2	0.4	0.4	0.1
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.7	0.8	0.6
67.5°	0.0	0.0	0.0	0.4	0.7	0.6	0.1	0.3	0.8	1.3	1.1
65°	0.7	0.5	0.0	0.5	1.0	1.3	1.0	0.6	0.9	1.3	1.7
62.5°	1.2	1.5	1.1	0.8	1.1	1.6	1.9	1.3	1.0	1.4	1.9
60°	1.3	1.8	2.0	1.6	1.4	1.7	2.0	1.8	1.4	1.5	1.9
57.5°	3.5	2.3	2.3	2.2	1.8	1.9	2.0	2.0	1.8	1.7	2.0
55°	6.5	4.8	3.4	2.7	2.3	2.0	2.1	2.0	2.0	1.8	2.0
52.5°	11.4	8.3	6.1	4.1	3.0	2.3	2.3	2.0	2.0	2.0	2.0
50°	18.2	13.1	9.6	6.9	4.3	3.3	2.6	2.3	2.0	2.0	2.0
47.5°	26.6	19.5	14.0	10.0	7.0	4.5	3.6	2.8	2.0	2.0	2.0
45°	32.8	27.2	19.5	14.1	9.9	6.8	4.8	3.3	2.5	2.1	2.0
42.5°	38.9	33.9	26.5	18.1	13.6	9.4	6.1	4.4	3.0	2.2	2.1
40°	46.7	40.4	33.2	24.6	17.7	12.0	8.3	5.7	3.7	2.5	2.2
37.5°	54.7	47.7	39.8	30.9	22.4	15.9	10.6	7.0	4.6	3.2	2.4
35°	63.8	55.3	46.5	37.0	27.9	19.9	12.8	8.6	5.9	4.0	2.7
32.5°	72.9	62.6	52.6	42.8	33.0	24.1	15.8	10.7	7.1	4.8	2.9
30°	81.8	69.9	58.2	48.4	37.9	28.5	19.6	13.0	8.3	5.6	3.3
27.5°	89.8	77.0	63.7	53.4	42.7	32.6	23.4	15.4	9.4	6.4	4.0
25°	98.3	84.2	70.0	57.9	47.3	36.8	27.0	18.0	11.1	7.4	4.6
22.5°	107.8	91.5	76.0	61.9	52.2	40.8	30.4	21.1	13.1	8.3	5.3
20°	118.1	98.7	82.0	67.6	56.7	45.0	33.8	23.9	15.2	9.2	5.9
17.5°	128.6	106.6	89.3	74.1	61.2	48.8	37.0	26.5	17.3	10.0	6.5
15°	135.7	114.5	95.9	80.1	65.7	52.4	40.0	28.8	19.3	10.7	7.2
12.5°	141.7	121.3	101.7	85.7	70.1	55.7	42.9	30.9	21.3	11.7	7.8
10°	147.0	127.1	106.8	90.9	74.4	58.7	45.5	32.8	23.1	13.0	8.3
7.5°	151.5	131.8	111.2	95.6	78.4	61.7	47.7	34.4	24.7	14.4	8.8
5°	155.4	135.9	114.8	98.6	82.2	64.8	49.5	35.9	26.1	15.7	9.3
2.5°	158.4	139.6	117.9	100.8	85.6	67.7	51.0	37.1	27.2	16.9	9.7
0°	160.6	142.6	120.5	102.4	88.4	70.3	52.2	38.2	28.1	18.1	10.0
-2.5°	162.1	143.1	123.3	104.3	90.1	72.4	54.6	39.5	28.8	19.1	10.6
-5°	162.8	143.0	125.3	105.7	91.3	74.1	56.7	40.5	29.4	20.0	11.2
-7.5°	163.7	143.7	126.4	106.9	92.1	75.3	58.2	41.3	29.9	20.7	11.7
-10°	164.0	144.3	126.7	108.3	92.7	76.3	59.2	41.8	30.2	21.2	12.1
-12.5°	163.5	144.3	126.6	109.1	93.1	76.8	59.8	42.6	30.5	21.6	12.5
-15°	162.2	143.4	126.3	109.2	93.0	77.0	60.0	43.3	31.1	21.6	12.8
-17.5°	160.2	141.8	125.9	108.5	92.6	76.9	59.8	43.7	31.4	21.5	13.1
-20°	158.2	140.3	125.2	107.1	91.9	76.5	59.3	43.6	31.4	21.2	13.4

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Scaled Data Report



REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-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°	155.6	138.8	123.0	105.6	90.9	75.8	58.5	43.1	31.1	20.7	13.5
-25°	152.3	136.7	120.4	104.5	89.7	74.4	57.5	42.1	30.3	20.1	13.6
-27.5°	149.0	133.7	117.8	102.9	87.9	72.7	56.2	41.2	29.3	19.3	13.5
-30°	145.2	130.4	115.4	100.8	85.5	70.2	54.4	39.8	28.2	18.9	13.4
-32.5°	141.0	127.1	112.8	97.5	82.4	67.5	52.0	37.9	27.0	18.6	13.2
-35°	136.8	123.3	109.5	93.5	79.1	64.6	49.6	35.5	25.5	18.2	13.1
-37.5°	131.8	118.7	104.4	89.2	75.6	61.4	47.4	34.1	23.9	17.7	12.8
-40°	126.1	113.1	98.5	85.1	71.9	58.0	45.0	32.9	22.9	17.0	12.5
-42.5°	119.8	106.8	93.7	81.0	68.0	55.2	42.5	31.3	22.5	16.5	12.2
-45°	113.3	101.1	89.3	76.7	64.1	52.2	40.4	29.7	21.8	16.0	11.8
-47.5°	107.2	96.3	84.4	72.1	60.7	49.1	38.0	28.5	20.8	15.5	11.4
-50°	102.1	90.9	79.1	67.5	56.7	46.0	35.5	27.0	20.1	14.9	10.9
-52.5°	96.1	84.9	73.3	62.3	52.4	42.5	33.3	25.3	19.0	14.2	10.3
-55°	89.1	77.9	66.9	57.2	47.9	39.2	30.8	23.4	17.5	13.3	9.6
-57.5°	80.8	70.1	61.0	52.2	43.5	35.5	27.9	21.2	16.3	12.3	8.8
-60°	72.4	63.6	55.3	46.7	38.7	31.5	24.8	19.0	14.9	11.2	8.0
-62.5°	64.9	56.9	48.7	40.8	33.8	27.3	21.5	17.3	13.5	10.1	7.0
-65°	56.4	48.9	41.6	35.1	28.9	23.4	19.3	15.5	12.0	8.8	6.2
-67.5°	47.4	41.3	35.1	29.3	24.7	20.7	16.9	13.5	10.3	7.5	5.7
-70°	40.0	34.4	29.3	25.1	21.3	17.8	14.4	11.4	8.6	6.7	5.1
-72.5°	33.0	28.7	24.7	21.1	17.8	14.7	11.8	9.3	7.4	5.9	4.5
-75°	26.3	23.2	20.0	17.0	14.2	11.6	9.7	7.8	6.3	5.0	4.0
-77.5°	21.1	18.3	15.4	13.2	11.5	9.7	8.0	6.3	5.2	4.3	3.4
-80°	16.2	14.3	12.5	11.0	9.4	7.8	6.5	5.3	4.5	3.7	2.8
-82.5°	11.6	10.6	9.7	8.8	7.6	6.4	5.4	4.5	3.8	3.0	2.2
-85°	7.9	7.4	7.0	6.6	5.7	5.0	4.1	3.4	2.7	2.0	1.5
-87.5°	4.1	3.9	3.7	3.4	3.0	2.5	2.1	1.7	1.3	1.0	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-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	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.3	0.2	0.0	0.1	0.3	0.0
70°	0.2	0.5	0.4	0.0	0.1	0.4	0.0
67.5°	0.7	0.6	0.6	0.2	0.1	0.4	0.0
65°	1.2	0.9	0.8	0.4	0.2	0.5	0.0
62.5°	1.6	1.1	1.0	0.6	0.2	0.5	0.0
60°	2.0	1.4	1.3	0.8	0.3	0.6	0.0
57.5°	2.0	1.6	1.4	1.1	0.4	0.6	0.0
55°	2.0	1.8	1.5	1.3	0.6	0.7	0.0
52.5°	2.0	2.0	1.7	1.5	0.8	0.7	0.0
50°	2.0	2.0	1.8	1.7	0.9	0.8	0.0
47.5°	2.0	2.0	1.9	1.9	1.0	0.9	0.0
45°	2.0	2.0	1.9	1.9	1.2	0.9	0.0
42.5°	2.0	2.0	2.0	2.0	1.3	1.0	0.0
40°	2.0	2.0	2.0	2.0	1.4	1.0	0.0
37.5°	2.0	2.0	2.0	2.0	1.5	1.1	0.0
35°	2.0	2.0	2.0	2.0	1.6	1.2	0.0
32.5°	2.1	2.0	2.0	2.0	1.7	1.2	0.0
30°	2.3	2.0	2.0	2.0	1.7	1.3	0.0
27.5°	2.5	2.0	2.0	2.0	1.8	1.4	0.0
25°	2.7	2.0	2.0	2.0	1.8	1.4	0.0
22.5°	3.0	2.0	2.0	2.0	1.9	1.5	0.0
20°	3.2	2.2	2.0	2.0	1.9	1.6	0.0
17.5°	3.6	2.4	2.0	2.0	1.9	1.6	0.0
15°	4.0	2.6	2.0	2.0	2.0	1.7	0.0
12.5°	4.4	2.8	2.0	2.0	2.0	1.7	0.0
10°	4.7	3.0	2.0	2.0	2.0	1.8	0.0
7.5°	5.1	3.3	2.0	2.0	2.0	1.9	0.0
5°	5.4	3.5	2.0	2.0	2.0	1.9	0.0
2.5°	5.7	3.8	2.0	2.0	2.0	2.0	0.0
0°	6.0	4.0	2.0	2.0	2.0	2.0	0.0
-2.5°	6.5	4.2	2.2	2.0	2.0	2.0	0.0
-5°	7.0	4.4	2.3	2.0	2.0	2.0	0.0
-7.5°	7.5	4.6	2.5	2.0	2.0	2.0	0.0
-10°	7.8	4.7	2.7	2.0	2.0	2.0	0.0
-12.5°	8.2	4.9	2.8	2.0	2.0	2.0	0.0
-15°	8.4	5.0	2.9	2.0	2.0	1.9	0.0
-17.5°	8.6	5.1	3.0	2.0	2.0	1.9	0.0
-20°	8.7	5.1	3.0	2.0	2.0	1.9	0.0

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CATALOG NUMBER: GFLD-SA2B-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.8	5.2	3.1	2.0	2.0	1.8	0.0
-25°	8.9	5.3	3.1	2.0	2.0	1.8	0.0
-27.5°	8.9	5.4	3.0	2.0	2.0	1.8	0.0
-30°	8.9	5.5	2.9	2.0	2.0	1.7	0.0
-32.5°	8.8	5.6	2.9	2.0	2.0	1.7	0.0
-35°	8.7	5.6	2.9	2.0	2.0	1.6	0.0
-37.5°	8.7	5.5	2.8	2.0	2.0	1.6	0.0
-40°	8.6	5.4	2.7	2.0	2.0	1.5	0.0
-42.5°	8.4	5.2	2.7	2.0	2.0	1.5	0.0
-45°	8.1	5.0	2.8	2.1	2.0	1.4	0.0
-47.5°	7.8	4.8	2.8	2.1	2.0	1.4	0.0
-50°	7.4	4.4	2.8	2.1	2.0	1.3	0.0
-52.5°	6.9	4.1	2.8	2.2	2.0	1.2	0.0
-55°	6.4	4.0	2.8	2.2	2.0	1.1	0.0
-57.5°	5.8	3.9	2.8	2.2	2.0	1.1	0.0
-60°	5.2	3.7	2.7	2.1	2.0	1.0	0.0
-62.5°	4.9	3.6	2.7	2.1	1.8	0.9	0.0
-65°	4.6	3.4	2.6	2.1	1.7	0.8	0.0
-67.5°	4.3	3.2	2.4	2.1	1.5	0.8	0.0
-70°	3.9	2.9	2.3	2.0	1.4	0.7	0.0
-72.5°	3.5	2.7	2.2	1.8	1.2	0.6	0.0
-75°	3.0	2.4	2.0	1.5	1.0	0.5	0.0
-77.5°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)