

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: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626678 (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-SA1C-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

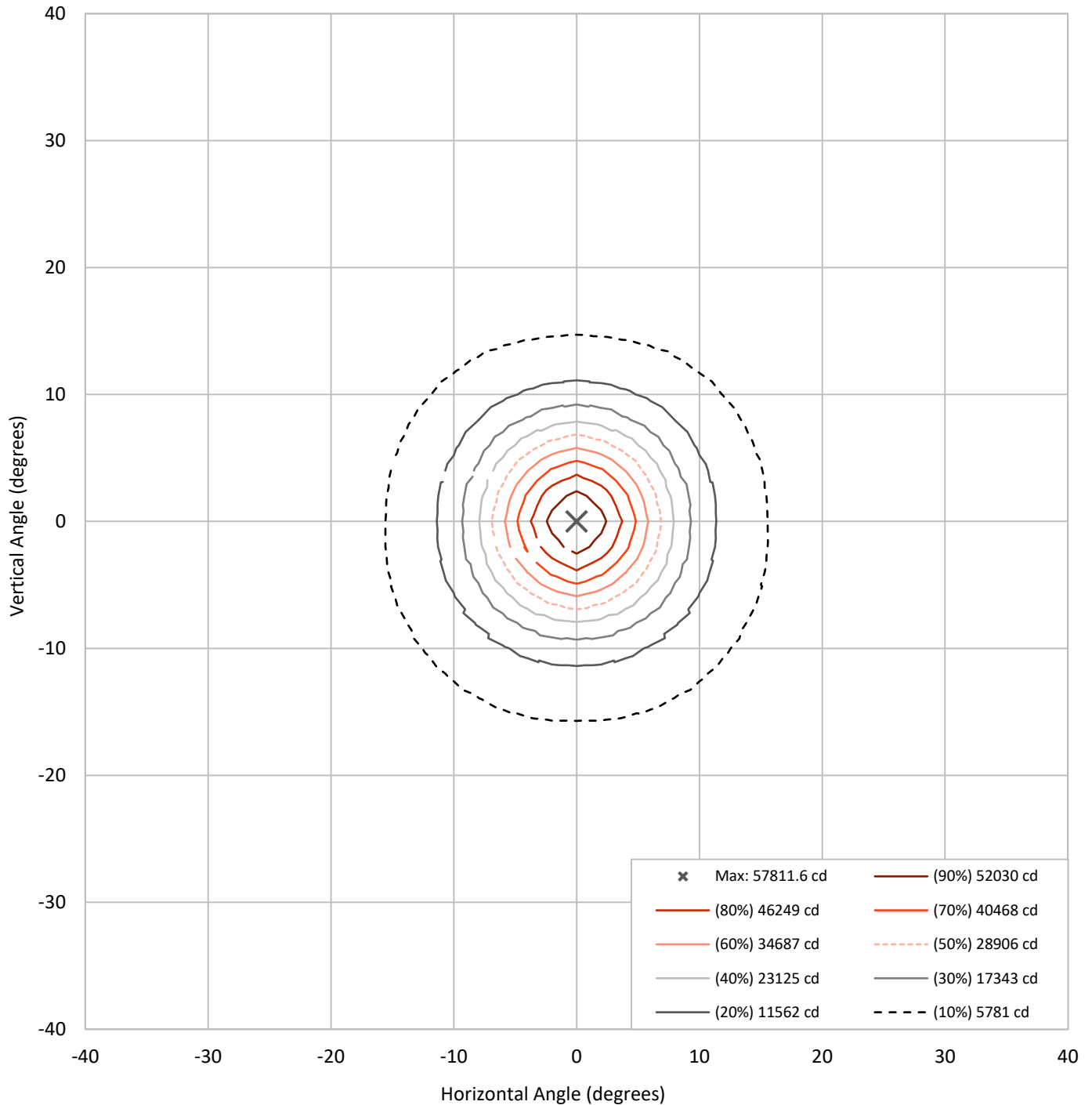
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5703.2 lumens	Max Intensity:	57811.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.1 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:	1820.7 lumens	Field Lumens:	4055.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	43.5		
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





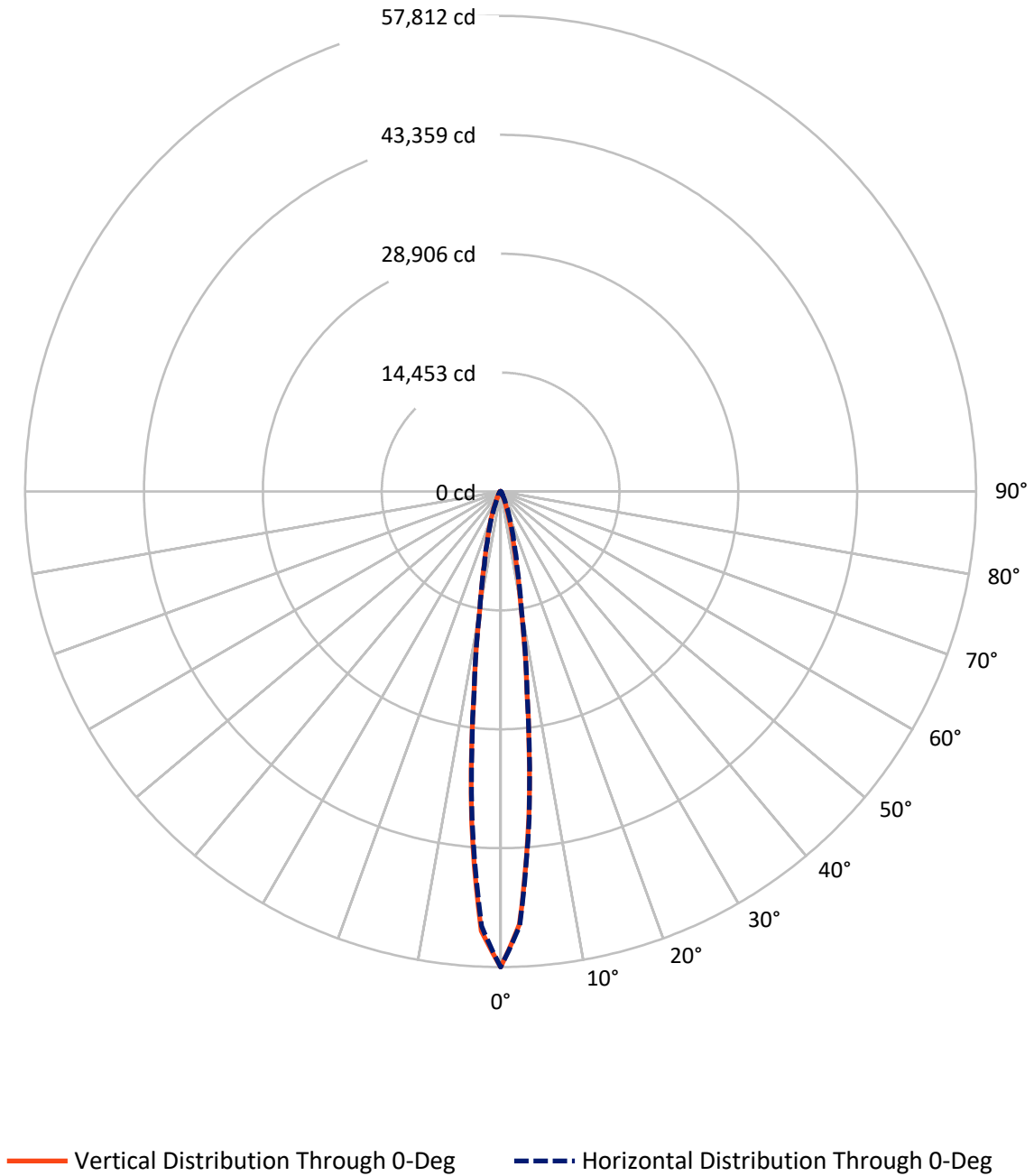
REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

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	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0	0.0		
50	0.0	0.0	0.2	0.5	0.9	1.4	1.9	2.3	2.3	1.9	1.4	0.9	0.5	0.2	0.0	0.0	
40		0.1	0.4	1.0	1.7	2.7	4.6	5.9	5.9	4.6	2.7	1.7	1.0	0.4	0.1		
30	0.1	0.2	0.6	1.5	2.7	5.8	15.5	25.7	25.7	15.5	5.8	2.7	1.5	0.6	0.2	0.1	
20		0.2	0.9	2.0	4.4	17.3	73.1	160.7	160.7	73.1	17.3	4.4	2.0	0.9	0.2		
10	0.1	0.3	1.1	2.4	6.0	32.6	175.2	785.7	785.7	175.2	32.6	6.0	2.4	1.1	0.3	0.1	
0		0.4	1.2	2.5	6.4	34.7	181.3	799.0	799.0	181.3	34.7	6.4	2.5	1.2	0.4		
-10	0.1	0.4	1.2	2.5	5.6	22.1	88.0	188.3	188.3	88.0	22.1	5.6	2.5	1.2	0.4	0.1	
-20		0.4	1.1	2.3	4.4	10.3	27.1	45.2	45.2	27.1	10.3	4.4	2.3	1.1	0.4		
-30	0.1	0.3	1.0	2.0	3.4	5.7	9.2	11.7	11.7	9.2	5.7	3.4	2.0	1.0	0.3	0.1	
-40		0.3	0.8	1.7	2.8	4.0	5.3	5.9	5.9	5.3	4.0	2.8	1.7	0.8	0.3		
-50	0.1	0.2	0.6	1.3	2.2	3.0	3.8	4.2	4.2	3.8	3.0	2.2	1.3	0.6	0.2	0.1	
-60		0.1	0.4	0.8	1.5	2.1	2.7	2.9	2.9	2.7	2.1	1.5	0.8	0.4	0.1		
-70	0.0	0.3	1.4	3.2	4.0	3.2	1.4	0.3	0.0								
-80		0.3	1.4	3.2	4.0	3.2	1.4	0.3									
-90	0.0	0.3	1.4	3.2	4.0	3.2	1.4	0.3	0.0								

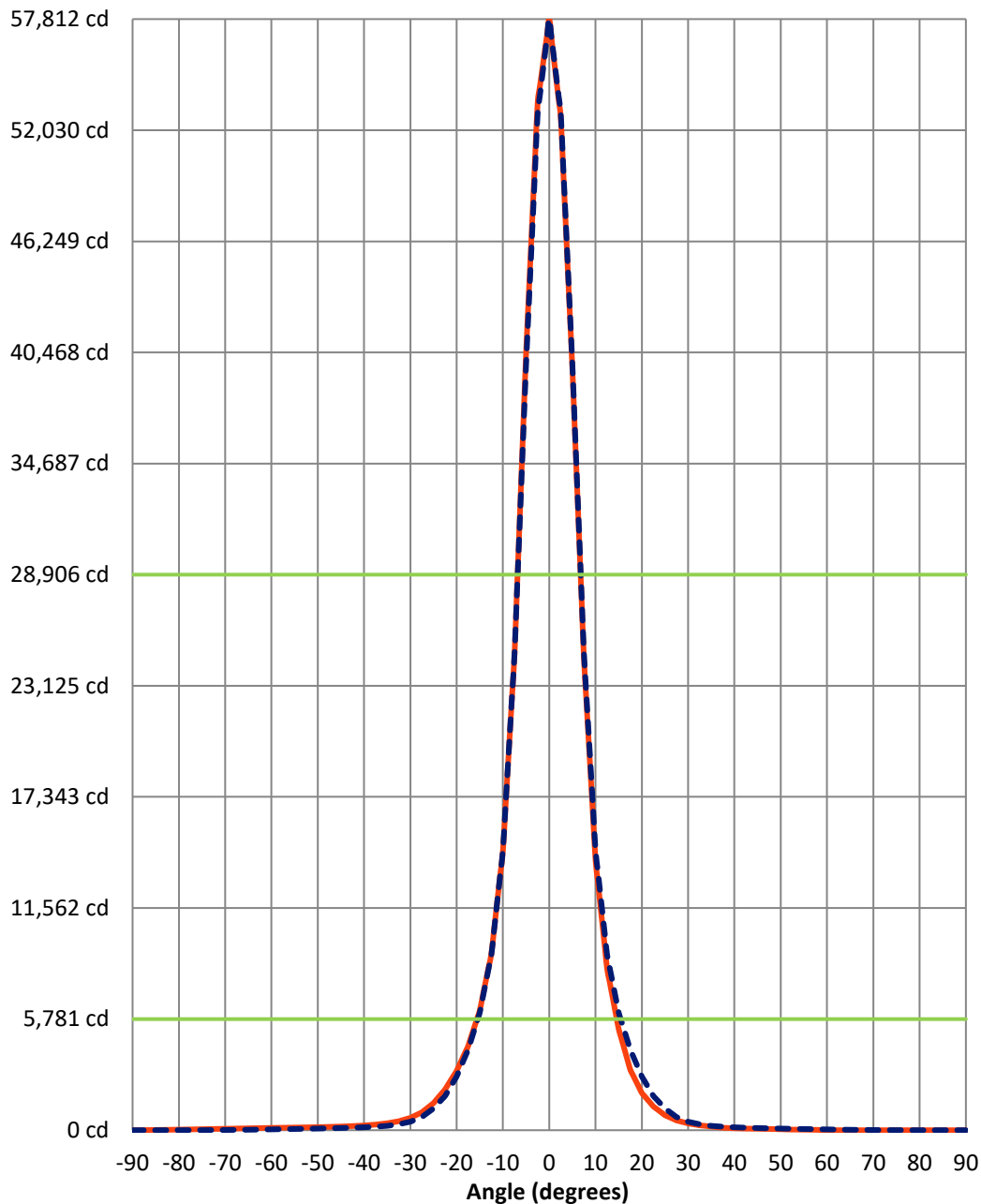
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 1820.7  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 4055.4  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 1647.9  
 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	0.1	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	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.3	0.1	0.4	0.5	0.4	0.2
67.5°	0.0	0.2	0.1	0.1	0.4	0.4	0.4	0.7	0.8	0.5	0.2
65°	0.0	0.3	0.1	0.3	0.5	0.5	0.7	1.0	0.8	0.5	0.4
62.5°	0.0	0.3	0.1	0.4	0.6	0.7	0.9	1.1	0.9	0.6	0.8
60°	0.0	0.3	0.2	0.5	0.8	0.8	1.2	1.2	0.9	0.9	1.1
57.5°	0.0	0.4	0.3	0.6	0.8	1.0	1.2	1.2	1.0	1.1	1.2
55°	0.0	0.4	0.4	0.8	0.9	1.1	1.2	1.2	1.1	1.2	1.2
52.5°	0.0	0.4	0.5	0.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2
50°	0.0	0.5	0.5	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.4
47.5°	0.0	0.5	0.6	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.7
45°	0.0	0.5	0.7	1.2	1.2	1.2	1.2	1.2	1.2	1.5	2.0
42.5°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.2	1.3	1.8	2.7
40°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.3	1.5	2.2	3.5
37.5°	0.0	0.7	0.9	1.2	1.2	1.2	1.2	1.5	2.0	2.8	4.3
35°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.6	2.4	3.6	5.3
32.5°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.8	2.9	4.3	6.6
30°	0.0	0.8	1.0	1.2	1.2	1.2	1.4	2.0	3.4	5.1	7.9
27.5°	0.0	0.8	1.1	1.2	1.2	1.2	1.5	2.4	3.9	5.7	9.4
25°	0.0	0.9	1.1	1.2	1.2	1.2	1.6	2.8	4.5	6.8	11.0
22.5°	0.0	0.9	1.1	1.2	1.2	1.2	1.8	3.2	5.1	8.0	12.9
20°	0.0	0.9	1.2	1.2	1.2	1.3	1.9	3.6	5.6	9.3	14.6
17.5°	0.0	1.0	1.2	1.2	1.2	1.4	2.2	4.0	6.1	10.5	16.2
15°	0.0	1.0	1.2	1.2	1.2	1.5	2.4	4.4	6.5	11.8	17.6
12.5°	0.0	1.0	1.2	1.2	1.2	1.7	2.7	4.7	7.1	13.0	18.9
10°	0.0	1.1	1.2	1.2	1.2	1.8	2.9	5.1	7.9	14.1	20.0
7.5°	0.0	1.1	1.2	1.2	1.2	2.0	3.1	5.4	8.7	15.1	21.0
5°	0.0	1.1	1.2	1.2	1.2	2.1	3.3	5.7	9.5	15.9	21.8
2.5°	0.0	1.2	1.2	1.2	1.2	2.3	3.5	5.9	10.3	16.5	22.6
0°	0.0	1.2	1.2	1.2	1.2	2.4	3.7	6.1	11.0	17.1	23.2
-2.5°	0.0	1.2	1.2	1.2	1.3	2.5	4.0	6.5	11.6	17.6	24.0
-5°	0.0	1.2	1.2	1.2	1.4	2.7	4.3	6.8	12.2	17.9	24.7
-7.5°	0.0	1.2	1.2	1.2	1.5	2.8	4.6	7.1	12.6	18.2	25.1
-10°	0.0	1.2	1.2	1.2	1.6	2.9	4.8	7.4	12.9	18.4	25.5
-12.5°	0.0	1.2	1.2	1.2	1.7	3.0	5.0	7.6	13.2	18.6	25.9
-15°	0.0	1.2	1.2	1.2	1.7	3.0	5.2	7.8	13.2	19.0	26.4
-17.5°	0.0	1.1	1.2	1.2	1.8	3.1	5.3	8.0	13.1	19.2	26.6
-20°	0.0	1.1	1.2	1.2	1.8	3.1	5.3	8.2	12.9	19.2	26.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-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	1.1	1.2	1.2	1.8	3.2	5.4	8.3	12.6	18.9	26.3
-25°	0.0	1.1	1.2	1.2	1.8	3.2	5.4	8.3	12.2	18.5	25.7
-27.5°	0.0	1.1	1.2	1.2	1.8	3.3	5.4	8.3	11.8	17.9	25.1
-30°	0.0	1.0	1.2	1.2	1.8	3.4	5.4	8.2	11.5	17.2	24.3
-32.5°	0.0	1.0	1.2	1.2	1.8	3.4	5.4	8.1	11.4	16.4	23.1
-35°	0.0	1.0	1.2	1.2	1.7	3.4	5.3	8.0	11.1	15.6	21.7
-37.5°	0.0	1.0	1.2	1.2	1.7	3.3	5.3	7.8	10.8	14.6	20.8
-40°	0.0	0.9	1.2	1.2	1.6	3.3	5.2	7.6	10.4	14.0	20.1
-42.5°	0.0	0.9	1.2	1.2	1.6	3.2	5.1	7.4	10.0	13.7	19.1
-45°	0.0	0.8	1.2	1.2	1.7	3.0	5.0	7.2	9.8	13.3	18.1
-47.5°	0.0	0.8	1.2	1.3	1.7	2.9	4.7	7.0	9.4	12.7	17.4
-50°	0.0	0.8	1.2	1.3	1.7	2.7	4.5	6.6	9.1	12.2	16.5
-52.5°	0.0	0.7	1.2	1.3	1.7	2.5	4.2	6.3	8.6	11.6	15.4
-55°	0.0	0.7	1.2	1.3	1.7	2.4	3.9	5.8	8.1	10.7	14.3
-57.5°	0.0	0.6	1.2	1.3	1.7	2.4	3.6	5.4	7.5	9.9	13.0
-60°	0.0	0.6	1.2	1.3	1.6	2.3	3.2	4.9	6.9	9.1	11.6
-62.5°	0.0	0.6	1.1	1.3	1.6	2.2	3.0	4.3	6.2	8.2	10.6
-65°	0.0	0.5	1.0	1.3	1.5	2.0	2.8	3.8	5.4	7.3	9.4
-67.5°	0.0	0.5	0.9	1.2	1.5	1.9	2.6	3.5	4.6	6.3	8.2
-70°	0.0	0.4	0.8	1.2	1.4	1.8	2.3	3.1	4.1	5.2	6.9
-72.5°	0.0	0.4	0.7	1.1	1.3	1.6	2.1	2.7	3.6	4.6	5.7
-75°	0.0	0.3	0.6	0.9	1.2	1.4	1.8	2.4	3.0	3.8	4.8
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.1	2.6	3.2	3.9
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.2	2.7	3.2
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.3	1.8	2.3	2.7
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.2	1.6	2.0
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.8	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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**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°	0.1	0.3	0.4	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.6	0.8	0.6	0.3	0.0	0.3	0.4	0.3	0.0	0.0	0.0
62.5°	1.1	0.9	0.7	0.5	0.7	0.9	0.7	0.4	0.1	0.6	0.8
60°	1.2	1.0	0.8	1.0	1.2	1.1	0.8	1.2	1.8	2.2	2.7
57.5°	1.2	1.1	1.1	1.3	1.4	1.4	2.1	2.9	4.0	5.0	5.7
55°	1.2	1.2	1.4	1.6	2.0	2.9	4.0	5.6	6.9	8.9	10.7
52.5°	1.4	1.4	1.8	2.5	3.7	5.1	7.0	9.3	11.9	13.8	15.9
50°	1.6	2.0	2.6	4.2	5.8	8.0	11.1	14.4	16.6	18.9	21.9
47.5°	2.1	2.7	4.3	6.1	8.5	11.9	16.2	18.6	20.8	24.3	27.9
45°	2.9	4.1	6.0	8.6	11.9	16.6	20.0	21.9	25.7	29.8	34.0
42.5°	3.7	5.7	8.3	11.0	16.1	20.6	23.7	26.9	30.7	35.3	39.9
40°	5.1	7.3	10.8	15.0	20.2	24.6	28.5	32.1	35.8	42.0	46.9
37.5°	6.5	9.7	13.6	18.8	24.3	29.1	33.4	37.9	43.2	50.2	54.6
35°	7.8	12.1	17.0	22.5	28.3	33.7	38.9	44.2	51.1	57.7	62.9
32.5°	9.6	14.6	20.1	26.1	32.0	38.2	44.4	50.8	57.6	64.3	71.2
30°	12.0	17.3	23.0	29.5	35.5	42.6	49.8	56.6	63.5	70.5	78.3
27.5°	14.3	19.8	26.0	32.5	38.8	46.9	54.7	61.8	68.8	76.4	85.3
25°	16.4	22.3	28.8	35.3	42.7	51.3	59.9	68.0	74.0	82.6	93.0
22.5°	18.5	24.8	31.8	37.7	46.3	55.8	65.7	74.5	81.5	89.3	101.0
20°	20.6	27.4	34.5	41.2	50.0	60.1	72.0	81.0	89.8	99.7	111.7
17.5°	22.5	29.7	37.3	45.1	54.5	65.0	78.4	87.6	98.0	110.0	125.1
15°	24.4	31.9	40.0	48.8	58.5	69.8	82.7	94.2	106.7	120.5	138.3
12.5°	26.1	33.9	42.7	52.3	62.0	73.9	86.4	98.6	113.0	131.0	153.5
10°	27.7	35.8	45.3	55.4	65.1	77.4	89.6	102.3	117.5	137.3	163.0
7.5°	29.1	37.6	47.8	58.3	67.7	80.3	92.3	105.3	121.2	142.5	169.4
5°	30.2	39.5	50.1	60.1	69.9	82.8	94.7	107.7	124.2	146.5	174.0
2.5°	31.1	41.3	52.1	61.4	71.8	85.1	96.5	110.4	127.3	149.7	178.3
0°	<b>31.8</b>	<b>42.8</b>	<b>53.8</b>	<b>62.4</b>	<b>73.4</b>	<b>86.9</b>	<b>97.9</b>	<b>112.6</b>	<b>129.7</b>	<b>151.7</b>	<b>182.3</b>
-2.5°	33.3	44.1	54.8	63.6	75.1	87.2	98.8	112.9	130.6	153.3	183.1
-5°	34.5	45.1	55.6	64.5	76.4	87.1	99.1	112.6	131.0	154.2	184.4
-7.5°	35.5	45.9	56.1	65.2	77.0	87.5	99.7	113.5	131.9	155.1	186.2
-10°	36.1	46.5	56.5	66.0	77.2	88.0	99.9	113.7	131.7	154.6	185.2
-12.5°	36.4	46.8	56.7	66.5	77.2	87.9	99.6	113.2	130.4	152.6	181.4
-15°	36.5	46.9	56.7	66.5	77.0	87.4	98.9	111.9	128.0	149.3	175.5
-17.5°	36.4	46.8	56.4	66.1	76.7	86.4	97.7	110.1	125.5	145.5	170.7
-20°	36.1	46.6	56.0	65.3	76.3	85.5	96.4	108.5	122.9	141.0	163.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	35.6	46.1	55.4	64.4	75.0	84.6	94.8	106.4	119.3	135.6	155.6
-25°	35.1	45.3	54.6	63.7	73.4	83.3	92.8	103.8	115.7	131.4	149.4
-27.5°	34.3	44.3	53.5	62.7	71.8	81.5	90.8	101.2	113.0	126.8	142.9
-30°	33.2	42.8	52.0	61.4	70.3	79.5	88.5	98.3	109.4	122.5	137.4
-32.5°	31.7	41.1	50.2	59.4	68.7	77.4	86.0	95.4	105.8	117.3	131.4
-35°	30.3	39.3	48.2	57.0	66.8	75.2	83.4	92.0	101.7	112.4	123.9
-37.5°	28.9	37.4	46.0	54.3	63.6	72.4	80.3	88.6	97.5	107.4	117.8
-40°	27.4	35.4	43.8	51.9	60.0	68.9	76.9	84.9	93.1	102.9	112.3
-42.5°	25.9	33.6	41.4	49.3	57.1	65.1	73.0	80.7	89.4	98.7	107.8
-45°	24.6	31.8	39.1	46.7	54.4	61.6	69.1	76.2	85.1	94.3	103.2
-47.5°	23.1	29.9	37.0	44.0	51.4	58.7	65.3	72.6	80.1	88.9	98.2
-50°	21.6	28.0	34.5	41.1	48.2	55.4	62.2	68.9	76.0	83.2	91.3
-52.5°	20.3	25.9	31.9	37.9	44.7	51.8	58.6	65.3	71.8	78.6	85.5
-55°	18.8	23.9	29.2	34.8	40.7	47.5	54.3	60.8	67.5	73.8	80.6
-57.5°	17.1	21.7	26.5	31.8	37.2	42.7	49.3	55.8	62.1	68.5	75.4
-60°	15.1	19.2	23.6	28.5	33.7	38.8	44.1	50.1	56.2	62.3	68.7
-62.5°	13.1	16.7	20.6	24.9	29.7	34.7	39.6	44.7	50.1	55.4	61.0
-65°	11.8	14.3	17.6	21.4	25.3	29.8	34.4	39.1	43.9	48.4	52.7
-67.5°	10.3	12.6	15.1	17.9	21.4	25.2	28.9	33.1	37.4	41.5	45.5
-70°	8.8	10.8	13.0	15.4	17.9	21.0	24.4	27.8	31.1	34.5	38.2
-72.5°	7.2	9.0	10.9	12.9	15.1	17.5	20.1	23.0	26.0	28.8	31.7
-75°	5.9	7.1	8.6	10.4	12.2	14.1	16.0	18.3	20.8	23.3	25.8
-77.5°	4.9	5.9	7.0	8.1	9.4	11.1	12.8	14.5	16.2	18.1	20.2
-80°	4.0	4.8	5.8	6.7	7.6	8.7	9.9	11.2	12.4	13.7	15.1
-82.5°	3.3	3.9	4.6	5.4	5.9	6.4	7.1	7.8	8.7	9.5	10.4
-85°	2.5	3.0	3.5	4.0	4.3	4.6	4.9	5.2	5.7	6.2	6.7
-87.5°	1.3	1.5	1.8	2.1	2.3	2.4	2.5	2.6	2.9	3.3	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: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	0.7	0.6	0.9	1.2	1.4	1.3	1.2	1.1	0.9	0.9	1.0
60°	2.9	2.8	4.0	4.5	4.1	2.9	4.6	5.4	5.2	4.5	4.4
57.5°	7.2	8.7	9.9	10.3	12.0	14.6	15.1	14.2	13.9	14.2	16.4
55°	12.4	13.7	14.4	16.6	18.5	20.0	20.8	21.7	22.9	24.4	26.0
52.5°	17.6	19.3	20.6	22.6	25.0	25.8	25.6	28.6	30.9	32.5	33.1
50°	24.1	26.3	29.4	32.5	33.8	35.1	36.5	39.0	42.6	47.1	49.7
47.5°	31.2	34.6	37.8	41.4	43.2	44.6	46.6	50.9	56.1	61.0	63.5
45°	37.6	40.6	44.3	47.4	49.6	52.3	55.3	59.2	65.0	70.0	73.6
42.5°	42.7	46.1	49.9	53.6	55.9	59.5	64.1	69.4	75.5	80.7	84.6
40°	49.9	52.8	58.8	62.3	63.2	66.6	75.8	83.1	89.9	96.3	99.6
37.5°	58.6	64.2	70.4	73.6	76.8	82.8	95.0	106.8	115.4	124.3	129.1
35°	68.5	75.8	84.3	88.1	94.8	107.9	122.3	138.6	158.9	167.5	175.3
32.5°	78.0	86.3	94.1	102.6	114.4	130.0	146.2	172.7	197.5	216.7	230.7
30°	86.6	95.2	104.9	115.9	132.5	154.1	181.2	215.5	250.4	280.8	306.6
27.5°	94.9	104.8	116.3	132.7	156.1	185.4	228.6	277.6	335.8	378.7	429.9
25°	104.1	115.4	130.3	153.9	185.5	229.3	298.4	377.9	473.4	550.8	631.8
22.5°	115.0	131.7	150.5	176.9	232.1	304.3	398.7	534.5	681.4	817.2	948.0
20°	128.2	151.1	181.2	229.7	300.6	407.4	571.4	788.1	1004.1	1234.2	1455.7
17.5°	147.0	179.9	226.7	295.7	389.3	600.4	866.6	1201.7	1632.3	2022.5	2363.2
15°	164.6	203.9	277.8	381.1	544.2	824.0	1228.2	1781.4	2452.5	3064.1	3710.1
12.5°	183.1	229.5	314.3	445.9	672.4	1036.8	1604.9	2362.9	3203.2	4124.9	5174.8
10°	197.7	254.1	355.7	522.4	801.8	1255.4	1932.1	2851.4	3968.0	5332.1	7010.4
7.5°	207.6	273.8	389.9	578.5	920.8	1479.0	2293.7	3398.6	4794.6	6601.7	8950.2
5°	215.3	288.8	415.5	629.6	1021.5	1649.7	2561.5	3877.8	5529.1	7950.4	11930.3
2.5°	221.5	300.4	431.4	664.7	1084.7	1768.6	2741.2	4148.9	5966.4	8947.5	14110.9
0°	226.4	310.8	441.7	686.5	1133.1	1780.5	2797.3	4198.5	6123.3	9127.4	14580.2
-2.5°	228.5	316.4	445.3	691.2	1128.3	1800.9	2814.5	4238.1	6117.4	9028.9	14056.1
-5°	231.9	316.3	442.6	686.4	1103.0	1748.1	2702.7	4016.3	5748.4	8252.3	12371.0
-7.5°	234.4	311.3	429.8	655.3	1036.8	1634.1	2506.3	3648.9	5076.7	6977.8	9528.7
-10°	232.1	301.6	408.5	603.1	933.8	1451.1	2207.7	3163.9	4350.5	5759.4	7492.5
-12.5°	223.4	283.7	373.6	530.1	800.5	1246.1	1907.1	2721.4	3599.6	4589.1	5786.7
-15°	212.3	264.4	342.2	479.9	701.7	1043.0	1525.6	2186.1	2890.6	3641.9	4443.0
-17.5°	203.7	247.5	311.9	411.6	574.7	846.1	1225.3	1694.5	2212.3	2784.3	3259.0
-20°	192.1	226.7	280.7	362.2	486.6	666.4	942.6	1283.5	1625.1	2027.3	2355.3

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	180.4	210.6	251.7	311.3	403.9	539.7	710.4	938.0	1187.8	1418.7	1645.9
-25°	169.6	192.8	226.1	275.0	337.8	430.5	551.9	682.5	847.2	987.8	1143.7
-27.5°	160.8	180.8	205.3	241.1	289.9	349.6	436.5	524.0	610.6	681.5	788.9
-30°	152.4	168.4	189.0	214.5	251.0	297.0	353.5	410.2	460.2	505.8	561.7
-32.5°	144.1	157.2	172.9	194.1	220.3	254.8	289.5	330.2	364.9	397.0	426.7
-35°	135.7	147.4	159.4	177.3	198.2	222.7	247.9	275.5	299.6	321.1	340.2
-37.5°	128.2	138.4	149.7	163.1	179.9	198.4	219.0	239.0	254.8	268.9	280.4
-40°	121.9	131.2	140.8	151.5	164.3	178.9	196.4	213.1	224.2	232.8	239.8
-42.5°	116.2	124.4	132.6	141.7	151.5	164.1	178.0	191.7	199.3	205.9	211.0
-45°	111.6	117.9	124.9	132.6	141.3	151.9	162.7	172.2	178.9	184.7	188.9
-47.5°	105.6	111.7	117.7	124.1	132.2	141.0	150.0	157.3	163.1	168.1	171.4
-50°	99.0	105.4	110.9	116.5	123.9	131.4	138.6	144.7	150.3	155.2	157.7
-52.5°	92.2	99.0	104.8	110.3	116.5	123.0	129.5	134.7	139.6	144.2	146.2
-55°	87.2	93.5	99.5	104.6	109.8	115.0	120.3	125.7	130.6	134.9	136.2
-57.5°	81.9	88.3	94.2	98.8	103.5	108.2	113.0	117.9	122.6	126.7	127.8
-60°	75.4	82.3	87.6	91.9	96.5	101.2	105.4	109.7	114.0	117.6	118.8
-62.5°	67.1	73.5	78.6	83.2	87.6	91.7	95.8	99.8	103.7	106.6	107.5
-65°	57.2	62.6	67.9	72.7	77.0	81.0	84.8	88.4	92.0	94.5	95.8
-67.5°	49.4	53.3	57.5	61.7	66.1	70.1	73.5	76.7	79.7	81.9	83.3
-70°	41.8	45.5	49.5	53.5	57.3	60.6	63.3	66.0	68.6	70.4	71.9
-72.5°	34.6	37.8	41.1	44.6	48.1	51.0	53.5	55.9	58.2	59.8	61.1
-75°	28.2	30.7	33.6	36.4	39.2	41.5	43.6	45.7	47.7	49.1	50.3
-77.5°	22.3	24.5	26.7	28.9	31.1	32.8	34.4	35.9	37.4	38.5	39.5
-80°	16.5	18.3	20.0	21.8	23.5	24.8	26.0	27.1	28.2	28.8	29.4
-82.5°	11.3	12.5	13.8	15.0	16.2	17.2	18.1	19.0	19.9	20.2	20.4
-85°	7.2	7.8	8.5	9.1	9.8	10.4	10.9	11.3	11.8	12.2	12.6
-87.5°	4.0	4.1	4.2	4.3	4.4	4.8	5.2	5.5	5.9	6.0	6.0
-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: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.1
60°	4.2	3.7	3.7	3.7	3.7	3.7	4.2	4.4	4.5	5.2	5.4
57.5°	18.6	20.7	21.3	20.8	21.3	20.7	18.6	16.4	14.2	13.9	14.2
55°	27.1	27.7	28.0	28.1	28.0	27.7	27.1	26.0	24.4	22.9	21.7
52.5°	33.2	33.0	32.9	33.0	32.9	33.0	33.2	33.1	32.5	30.9	28.6
50°	49.9	49.0	48.6	48.9	48.6	49.0	49.9	49.7	47.1	42.6	39.0
47.5°	63.8	64.1	64.6	64.9	64.6	64.1	63.8	63.5	61.0	56.1	50.9
45°	74.5	75.2	75.7	75.9	75.7	75.2	74.5	73.6	70.0	65.0	59.2
42.5°	85.5	85.6	85.5	85.7	85.5	85.6	85.5	84.6	80.7	75.5	69.4
40°	100.9	101.3	100.9	100.3	100.9	101.3	100.9	99.6	96.3	89.9	83.1
37.5°	131.9	132.3	130.9	129.7	130.9	132.3	131.9	129.1	124.3	115.4	106.8
35°	182.4	187.6	190.1	190.9	190.1	187.6	182.4	175.3	167.5	158.9	138.6
32.5°	240.4	247.6	251.3	254.5	251.3	247.6	240.4	230.7	216.7	197.5	172.7
30°	323.5	336.9	342.8	351.2	342.8	336.9	323.5	306.6	280.8	250.4	215.5
27.5°	459.0	482.6	495.7	507.8	495.7	482.6	459.0	429.9	378.7	335.8	277.6
25°	690.7	736.1	765.6	779.5	765.6	736.1	690.7	631.8	550.8	473.4	377.9
22.5°	1074.5	1158.3	1223.0	1235.9	1223.0	1158.3	1074.5	948.0	817.2	681.4	534.5
20°	1670.5	1790.4	1888.0	1937.1	1888.0	1790.4	1670.5	1455.7	1234.2	1004.1	788.1
17.5°	2769.0	3018.4	3132.2	3151.0	3132.2	3018.4	2769.0	2363.2	2022.5	1632.3	1201.7
15°	4403.1	4825.1	5093.0	5265.5	5093.0	4825.1	4403.1	3710.1	3064.1	2452.5	1781.4
12.5°	6267.6	7466.7	8149.0	8409.1	8149.0	7466.7	6267.6	5174.8	4124.9	3203.2	2362.9
10°	8798.2	11621.0	13249.3	14068.7	13249.3	11621.0	8798.2	7010.4	5332.1	3968.0	2851.4
7.5°	13093.2	17453.1	22283.5	24518.3	22283.5	17453.1	13093.2	8950.2	6601.7	4794.6	3398.6
5°	17608.3	27180.7	35582.4	39605.7	35582.4	27180.7	17608.3	11930.3	7950.4	5529.1	3877.8
2.5°	22797.7	35706.9	47642.5	52661.2	47642.5	35706.9	22797.7	14110.9	8947.5	5966.4	4148.9
0°	24794.9	39832.1	52885.7	57811.6	52885.7	39832.1	24794.9	14580.2	9127.4	6123.3	4198.5
-2.5°	23106.4	36332.3	47847.6	53476.1	47847.6	36332.3	23106.4	14056.1	9028.9	6117.4	4238.1
-5°	18359.2	27330.5	35858.6	40445.1	35858.6	27330.5	18359.2	12371.0	8252.3	5748.4	4016.3
-7.5°	13474.5	18358.4	23094.6	24750.9	23094.6	18358.4	13474.5	9528.7	6977.8	5076.7	3648.9
-10°	9381.3	12177.9	14024.0	14550.8	14024.0	12177.9	9381.3	7492.5	5759.4	4350.5	3163.9
-12.5°	6955.3	8178.5	9029.6	9177.6	9029.6	8178.5	6955.3	5786.7	4589.1	3599.6	2721.4
-15°	5150.2	5772.3	6211.2	6240.8	6211.2	5772.3	5150.2	4443.0	3641.9	2890.6	2186.1
-17.5°	3764.8	4182.4	4403.9	4388.1	4403.9	4182.4	3764.8	3259.0	2784.3	2212.3	1694.5
-20°	2692.0	2943.7	3122.2	3087.4	3122.2	2943.7	2692.0	2355.3	2027.3	1625.1	1283.5

Classified

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

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REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1877.1	2044.2	2148.8	2121.9	2148.8	2044.2	1877.1	1645.9	1418.7	1187.8	938.0
-25°	1275.4	1366.5	1418.3	1409.7	1418.3	1366.5	1275.4	1143.7	987.8	847.2	682.5
-27.5°	869.2	917.3	933.3	932.4	933.3	917.3	869.2	788.9	681.5	610.6	524.0
-30°	603.3	635.6	654.1	642.4	654.1	635.6	603.3	561.7	505.8	460.2	410.2
-32.5°	449.6	467.9	478.4	467.4	478.4	467.9	449.6	426.7	397.0	364.9	330.2
-35°	354.4	363.6	367.3	361.0	367.3	363.6	354.4	340.2	321.1	299.6	275.5
-37.5°	288.9	294.3	296.2	292.5	296.2	294.3	288.9	280.4	268.9	254.8	239.0
-40°	244.8	248.1	249.0	246.0	249.0	248.1	244.8	239.8	232.8	224.2	213.1
-42.5°	214.2	216.2	216.6	215.4	216.6	216.2	214.2	211.0	205.9	199.3	191.7
-45°	191.4	193.1	193.4	192.1	193.4	193.1	191.4	188.9	184.7	178.9	172.2
-47.5°	173.0	174.0	174.3	173.8	174.3	174.0	173.0	171.4	168.1	163.1	157.3
-50°	158.9	159.6	159.7	159.1	159.7	159.6	158.9	157.7	155.2	150.3	144.7
-52.5°	147.1	147.6	147.9	148.1	147.9	147.6	147.1	146.2	144.2	139.6	134.7
-55°	137.1	137.8	138.2	138.3	138.2	137.8	137.1	136.2	134.9	130.6	125.7
-57.5°	128.6	129.2	129.6	129.7	129.6	129.2	128.6	127.8	126.7	122.6	117.9
-60°	119.8	120.5	120.9	121.1	120.9	120.5	119.8	118.8	117.6	114.0	109.7
-62.5°	108.1	108.5	108.8	108.9	108.8	108.5	108.1	107.5	106.6	103.7	99.8
-65°	96.7	97.4	97.8	97.9	97.8	97.4	96.7	95.8	94.5	92.0	88.4
-67.5°	84.4	85.2	86.1	86.9	86.1	85.2	84.4	83.3	81.9	79.7	76.7
-70°	73.1	74.2	74.5	74.6	74.5	74.2	73.1	71.9	70.4	68.6	66.0
-72.5°	62.2	63.2	64.1	64.9	64.1	63.2	62.2	61.1	59.8	58.2	55.9
-75°	51.4	52.3	52.5	52.6	52.5	52.3	51.4	50.3	49.1	47.7	45.7
-77.5°	40.5	41.4	41.5	41.6	41.5	41.4	40.5	39.5	38.5	37.4	35.9
-80°	30.0	30.4	31.2	31.8	31.2	30.4	30.0	29.4	28.8	28.2	27.1
-82.5°	20.6	20.7	20.8	20.8	20.8	20.7	20.6	20.4	20.2	19.9	19.0
-85°	13.1	13.4	13.5	13.5	13.5	13.4	13.1	12.6	12.2	11.8	11.3
-87.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.5
-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: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.2	1.3	1.4	1.2	0.9	0.6	0.7	0.8	0.6	0.1	0.4
60°	4.6	2.9	4.1	4.5	4.0	2.8	2.9	2.7	2.2	1.8	1.2
57.5°	15.1	14.6	12.0	10.3	9.9	8.7	7.2	5.7	5.0	4.0	2.9
55°	20.8	20.0	18.5	16.6	14.4	13.7	12.4	10.7	8.9	6.9	5.6
52.5°	25.6	25.8	25.0	22.6	20.6	19.3	17.6	15.9	13.8	11.9	9.3
50°	36.5	35.1	33.8	32.5	29.4	26.3	24.1	21.9	18.9	16.6	14.4
47.5°	46.6	44.6	43.2	41.4	37.8	34.6	31.2	27.9	24.3	20.8	18.6
45°	55.3	52.3	49.6	47.4	44.3	40.6	37.6	34.0	29.8	25.7	21.9
42.5°	64.1	59.5	55.9	53.6	49.9	46.1	42.7	39.9	35.3	30.7	26.9
40°	75.8	66.6	63.2	62.3	58.8	52.8	49.9	46.9	42.0	35.8	32.1
37.5°	95.0	82.8	76.8	73.6	70.4	64.2	58.6	54.6	50.2	43.2	37.9
35°	122.3	107.9	94.8	88.1	84.3	75.8	68.5	62.9	57.7	51.1	44.2
32.5°	146.2	130.0	114.4	102.6	94.1	86.3	78.0	71.2	64.3	57.6	50.8
30°	181.2	154.1	132.5	115.9	104.9	95.2	86.6	78.3	70.5	63.5	56.6
27.5°	228.6	185.4	156.1	132.7	116.3	104.8	94.9	85.3	76.4	68.8	61.8
25°	298.4	229.3	185.5	153.9	130.3	115.4	104.1	93.0	82.6	74.0	68.0
22.5°	398.7	304.3	232.1	176.9	150.5	131.7	115.0	101.0	89.3	81.5	74.5
20°	571.4	407.4	300.6	229.7	181.2	151.1	128.2	111.7	99.7	89.8	81.0
17.5°	866.6	600.4	389.3	295.7	226.7	179.9	147.0	125.1	110.0	98.0	87.6
15°	1228.2	824.0	544.2	381.1	277.8	203.9	164.6	138.3	120.5	106.7	94.2
12.5°	1604.9	1036.8	672.4	445.9	314.3	229.5	183.1	153.5	131.0	113.0	98.6
10°	1932.1	1255.4	801.8	522.4	355.7	254.1	197.7	163.0	137.3	117.5	102.3
7.5°	2293.7	1479.0	920.8	578.5	389.9	273.8	207.6	169.4	142.5	121.2	105.3
5°	2561.5	1649.7	1021.5	629.6	415.5	288.8	215.3	174.0	146.5	124.2	107.7
2.5°	2741.2	1768.6	1084.7	664.7	431.4	300.4	221.5	178.3	149.7	127.3	110.4
0°	2797.3	1780.5	1133.1	686.5	441.7	310.8	226.4	182.3	151.7	129.7	112.6
-2.5°	2814.5	1800.9	1128.3	691.2	445.3	316.4	228.5	183.1	153.3	130.6	112.9
-5°	2702.7	1748.1	1103.0	686.4	442.6	316.3	231.9	184.4	154.2	131.0	112.6
-7.5°	2506.3	1634.1	1036.8	655.3	429.8	311.3	234.4	186.2	155.1	131.9	113.5
-10°	2207.7	1451.1	933.8	603.1	408.5	301.6	232.1	185.2	154.6	131.7	113.7
-12.5°	1907.1	1246.1	800.5	530.1	373.6	283.7	223.4	181.4	152.6	130.4	113.2
-15°	1525.6	1043.0	701.7	479.9	342.2	264.4	212.3	175.5	149.3	128.0	111.9
-17.5°	1225.3	846.1	574.7	411.6	311.9	247.5	203.7	170.7	145.5	125.5	110.1
-20°	942.6	666.4	486.6	362.2	280.7	226.7	192.1	163.5	141.0	122.9	108.5

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REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	710.4	539.7	403.9	311.3	251.7	210.6	180.4	155.6	135.6	119.3	106.4
-25°	551.9	430.5	337.8	275.0	226.1	192.8	169.6	149.4	131.4	115.7	103.8
-27.5°	436.5	349.6	289.9	241.1	205.3	180.8	160.8	142.9	126.8	113.0	101.2
-30°	353.5	297.0	251.0	214.5	189.0	168.4	152.4	137.4	122.5	109.4	98.3
-32.5°	289.5	254.8	220.3	194.1	172.9	157.2	144.1	131.4	117.3	105.8	95.4
-35°	247.9	222.7	198.2	177.3	159.4	147.4	135.7	123.9	112.4	101.7	92.0
-37.5°	219.0	198.4	179.9	163.1	149.7	138.4	128.2	117.8	107.4	97.5	88.6
-40°	196.4	178.9	164.3	151.5	140.8	131.2	121.9	112.3	102.9	93.1	84.9
-42.5°	178.0	164.1	151.5	141.7	132.6	124.4	116.2	107.8	98.7	89.4	80.7
-45°	162.7	151.9	141.3	132.6	124.9	117.9	111.6	103.2	94.3	85.1	76.2
-47.5°	150.0	141.0	132.2	124.1	117.7	111.7	105.6	98.2	88.9	80.1	72.6
-50°	138.6	131.4	123.9	116.5	110.9	105.4	99.0	91.3	83.2	76.0	68.9
-52.5°	129.5	123.0	116.5	110.3	104.8	99.0	92.2	85.5	78.6	71.8	65.3
-55°	120.3	115.0	109.8	104.6	99.5	93.5	87.2	80.6	73.8	67.5	60.8
-57.5°	113.0	108.2	103.5	98.8	94.2	88.3	81.9	75.4	68.5	62.1	55.8
-60°	105.4	101.2	96.5	91.9	87.6	82.3	75.4	68.7	62.3	56.2	50.1
-62.5°	95.8	91.7	87.6	83.2	78.6	73.5	67.1	61.0	55.4	50.1	44.7
-65°	84.8	81.0	77.0	72.7	67.9	62.6	57.2	52.7	48.4	43.9	39.1
-67.5°	73.5	70.1	66.1	61.7	57.5	53.3	49.4	45.5	41.5	37.4	33.1
-70°	63.3	60.6	57.3	53.5	49.5	45.5	41.8	38.2	34.5	31.1	27.8
-72.5°	53.5	51.0	48.1	44.6	41.1	37.8	34.6	31.7	28.8	26.0	23.0
-75°	43.6	41.5	39.2	36.4	33.6	30.7	28.2	25.8	23.3	20.8	18.3
-77.5°	34.4	32.8	31.1	28.9	26.7	24.5	22.3	20.2	18.1	16.2	14.5
-80°	26.0	24.8	23.5	21.8	20.0	18.3	16.5	15.1	13.7	12.4	11.2
-82.5°	18.1	17.2	16.2	15.0	13.8	12.5	11.3	10.4	9.5	8.7	7.8
-85°	10.9	10.4	9.8	9.1	8.5	7.8	7.2	6.7	6.2	5.7	5.2
-87.5°	5.2	4.8	4.4	4.3	4.2	4.1	4.0	3.6	3.3	2.9	2.6
-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: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.4	0.5	0.4
67.5°	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.2	0.5	0.8	0.7
65°	0.4	0.3	0.0	0.3	0.6	0.8	0.6	0.4	0.5	0.8	1.0
62.5°	0.7	0.9	0.7	0.5	0.7	0.9	1.1	0.8	0.6	0.9	1.1
60°	0.8	1.1	1.2	1.0	0.8	1.0	1.2	1.1	0.9	0.9	1.2
57.5°	2.1	1.4	1.4	1.3	1.1	1.1	1.2	1.2	1.1	1.0	1.2
55°	4.0	2.9	2.0	1.6	1.4	1.2	1.2	1.2	1.2	1.1	1.2
52.5°	7.0	5.1	3.7	2.5	1.8	1.4	1.4	1.2	1.2	1.2	1.2
50°	11.1	8.0	5.8	4.2	2.6	2.0	1.6	1.4	1.2	1.2	1.2
47.5°	16.2	11.9	8.5	6.1	4.3	2.7	2.1	1.7	1.2	1.2	1.2
45°	20.0	16.6	11.9	8.6	6.0	4.1	2.9	2.0	1.5	1.2	1.2
42.5°	23.7	20.6	16.1	11.0	8.3	5.7	3.7	2.7	1.8	1.3	1.2
40°	28.5	24.6	20.2	15.0	10.8	7.3	5.1	3.5	2.2	1.5	1.3
37.5°	33.4	29.1	24.3	18.8	13.6	9.7	6.5	4.3	2.8	2.0	1.5
35°	38.9	33.7	28.3	22.5	17.0	12.1	7.8	5.3	3.6	2.4	1.6
32.5°	44.4	38.2	32.0	26.1	20.1	14.6	9.6	6.6	4.3	2.9	1.8
30°	49.8	42.6	35.5	29.5	23.0	17.3	12.0	7.9	5.1	3.4	2.0
27.5°	54.7	46.9	38.8	32.5	26.0	19.8	14.3	9.4	5.7	3.9	2.4
25°	59.9	51.3	42.7	35.3	28.8	22.3	16.4	11.0	6.8	4.5	2.8
22.5°	65.7	55.8	46.3	37.7	31.8	24.8	18.5	12.9	8.0	5.1	3.2
20°	72.0	60.1	50.0	41.2	34.5	27.4	20.6	14.6	9.3	5.6	3.6
17.5°	78.4	65.0	54.5	45.1	37.3	29.7	22.5	16.2	10.5	6.1	4.0
15°	82.7	69.8	58.5	48.8	40.0	31.9	24.4	17.6	11.8	6.5	4.4
12.5°	86.4	73.9	62.0	52.3	42.7	33.9	26.1	18.9	13.0	7.1	4.7
10°	89.6	77.4	65.1	55.4	45.3	35.8	27.7	20.0	14.1	7.9	5.1
7.5°	92.3	80.3	67.7	58.3	47.8	37.6	29.1	21.0	15.1	8.7	5.4
5°	94.7	82.8	69.9	60.1	50.1	39.5	30.2	21.8	15.9	9.5	5.7
2.5°	96.5	85.1	71.8	61.4	52.1	41.3	31.1	22.6	16.5	10.3	5.9
0°	97.9	86.9	73.4	62.4	53.8	42.8	31.8	23.2	17.1	11.0	6.1
-2.5°	98.8	87.2	75.1	63.6	54.8	44.1	33.3	24.0	17.6	11.6	6.5
-5°	99.1	87.1	76.4	64.5	55.6	45.1	34.5	24.7	17.9	12.2	6.8
-7.5°	99.7	87.5	77.0	65.2	56.1	45.9	35.5	25.1	18.2	12.6	7.1
-10°	99.9	88.0	77.2	66.0	56.5	46.5	36.1	25.5	18.4	12.9	7.4
-12.5°	99.6	87.9	77.2	66.5	56.7	46.8	36.4	25.9	18.6	13.2	7.6
-15°	98.9	87.4	77.0	66.5	56.7	46.9	36.5	26.4	19.0	13.2	7.8
-17.5°	97.7	86.4	76.7	66.1	56.4	46.8	36.4	26.6	19.2	13.1	8.0
-20°	96.4	85.5	76.3	65.3	56.0	46.6	36.1	26.6	19.2	12.9	8.2

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Scaled Data Report



REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	94.8	84.6	75.0	64.4	55.4	46.1	35.6	26.3	18.9	12.6	8.3
-25°	92.8	83.3	73.4	63.7	54.6	45.3	35.1	25.7	18.5	12.2	8.3
-27.5°	90.8	81.5	71.8	62.7	53.5	44.3	34.3	25.1	17.9	11.8	8.3
-30°	88.5	79.5	70.3	61.4	52.0	42.8	33.2	24.3	17.2	11.5	8.2
-32.5°	86.0	77.4	68.7	59.4	50.2	41.1	31.7	23.1	16.4	11.4	8.1
-35°	83.4	75.2	66.8	57.0	48.2	39.3	30.3	21.7	15.6	11.1	8.0
-37.5°	80.3	72.4	63.6	54.3	46.0	37.4	28.9	20.8	14.6	10.8	7.8
-40°	76.9	68.9	60.0	51.9	43.8	35.4	27.4	20.1	14.0	10.4	7.6
-42.5°	73.0	65.1	57.1	49.3	41.4	33.6	25.9	19.1	13.7	10.0	7.4
-45°	69.1	61.6	54.4	46.7	39.1	31.8	24.6	18.1	13.3	9.8	7.2
-47.5°	65.3	58.7	51.4	44.0	37.0	29.9	23.1	17.4	12.7	9.4	7.0
-50°	62.2	55.4	48.2	41.1	34.5	28.0	21.6	16.5	12.2	9.1	6.6
-52.5°	58.6	51.8	44.7	37.9	31.9	25.9	20.3	15.4	11.6	8.6	6.3
-55°	54.3	47.5	40.7	34.8	29.2	23.9	18.8	14.3	10.7	8.1	5.8
-57.5°	49.3	42.7	37.2	31.8	26.5	21.7	17.1	13.0	9.9	7.5	5.4
-60°	44.1	38.8	33.7	28.5	23.6	19.2	15.1	11.6	9.1	6.9	4.9
-62.5°	39.6	34.7	29.7	24.9	20.6	16.7	13.1	10.6	8.2	6.2	4.3
-65°	34.4	29.8	25.3	21.4	17.6	14.3	11.8	9.4	7.3	5.4	3.8
-67.5°	28.9	25.2	21.4	17.9	15.1	12.6	10.3	8.2	6.3	4.6	3.5
-70°	24.4	21.0	17.9	15.4	13.0	10.8	8.8	6.9	5.2	4.1	3.1
-72.5°	20.1	17.5	15.1	12.9	10.9	9.0	7.2	5.7	4.6	3.6	2.7
-75°	16.0	14.1	12.2	10.4	8.6	7.1	5.9	4.8	3.8	3.0	2.4
-77.5°	12.8	11.1	9.4	8.1	7.0	5.9	4.9	3.9	3.2	2.6	2.1
-80°	9.9	8.7	7.6	6.7	5.8	4.8	4.0	3.2	2.7	2.2	1.7
-82.5°	7.1	6.4	5.9	5.4	4.6	3.9	3.3	2.7	2.3	1.8	1.3
-85°	4.9	4.6	4.3	4.0	3.5	3.0	2.5	2.0	1.6	1.2	0.9
-87.5°	2.5	2.4	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.6	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626678 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0.1	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	0.2	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.3	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.4	0.4	0.1	0.1	0.2	0.0
65°	0.7	0.5	0.5	0.3	0.1	0.3	0.0
62.5°	0.9	0.7	0.6	0.4	0.1	0.3	0.0
60°	1.2	0.8	0.8	0.5	0.2	0.3	0.0
57.5°	1.2	1.0	0.8	0.6	0.3	0.4	0.0
55°	1.2	1.1	0.9	0.8	0.4	0.4	0.0
52.5°	1.2	1.2	1.0	0.9	0.5	0.4	0.0
50°	1.2	1.2	1.1	1.0	0.5	0.5	0.0
47.5°	1.2	1.2	1.1	1.1	0.6	0.5	0.0
45°	1.2	1.2	1.2	1.2	0.7	0.5	0.0
42.5°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
40°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
37.5°	1.2	1.2	1.2	1.2	0.9	0.7	0.0
35°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
32.5°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
30°	1.4	1.2	1.2	1.2	1.0	0.8	0.0
27.5°	1.5	1.2	1.2	1.2	1.1	0.8	0.0
25°	1.6	1.2	1.2	1.2	1.1	0.9	0.0
22.5°	1.8	1.2	1.2	1.2	1.1	0.9	0.0
20°	1.9	1.3	1.2	1.2	1.2	0.9	0.0
17.5°	2.2	1.4	1.2	1.2	1.2	1.0	0.0
15°	2.4	1.5	1.2	1.2	1.2	1.0	0.0
12.5°	2.7	1.7	1.2	1.2	1.2	1.0	0.0
10°	2.9	1.8	1.2	1.2	1.2	1.1	0.0
7.5°	3.1	2.0	1.2	1.2	1.2	1.1	0.0
5°	3.3	2.1	1.2	1.2	1.2	1.1	0.0
2.5°	3.5	2.3	1.2	1.2	1.2	1.2	0.0
0°	3.7	2.4	1.2	1.2	1.2	1.2	0.0
-2.5°	4.0	2.5	1.3	1.2	1.2	1.2	0.0
-5°	4.3	2.7	1.4	1.2	1.2	1.2	0.0
-7.5°	4.6	2.8	1.5	1.2	1.2	1.2	0.0
-10°	4.8	2.9	1.6	1.2	1.2	1.2	0.0
-12.5°	5.0	3.0	1.7	1.2	1.2	1.2	0.0
-15°	5.2	3.0	1.7	1.2	1.2	1.2	0.0
-17.5°	5.3	3.1	1.8	1.2	1.2	1.1	0.0
-20°	5.3	3.1	1.8	1.2	1.2	1.1	0.0

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CATALOG NUMBER: GFLD-SA1C-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.4	3.2	1.8	1.2	1.2	1.1	0.0
-25°	5.4	3.2	1.8	1.2	1.2	1.1	0.0
-27.5°	5.4	3.3	1.8	1.2	1.2	1.1	0.0
-30°	5.4	3.4	1.8	1.2	1.2	1.0	0.0
-32.5°	5.4	3.4	1.8	1.2	1.2	1.0	0.0
-35°	5.3	3.4	1.7	1.2	1.2	1.0	0.0
-37.5°	5.3	3.3	1.7	1.2	1.2	1.0	0.0
-40°	5.2	3.3	1.6	1.2	1.2	0.9	0.0
-42.5°	5.1	3.2	1.6	1.2	1.2	0.9	0.0
-45°	5.0	3.0	1.7	1.2	1.2	0.8	0.0
-47.5°	4.7	2.9	1.7	1.3	1.2	0.8	0.0
-50°	4.5	2.7	1.7	1.3	1.2	0.8	0.0
-52.5°	4.2	2.5	1.7	1.3	1.2	0.7	0.0
-55°	3.9	2.4	1.7	1.3	1.2	0.7	0.0
-57.5°	3.6	2.4	1.7	1.3	1.2	0.6	0.0
-60°	3.2	2.3	1.6	1.3	1.2	0.6	0.0
-62.5°	3.0	2.2	1.6	1.3	1.1	0.6	0.0
-65°	2.8	2.0	1.5	1.3	1.0	0.5	0.0
-67.5°	2.6	1.9	1.5	1.2	0.9	0.5	0.0
-70°	2.3	1.8	1.4	1.2	0.8	0.4	0.0
-72.5°	2.1	1.6	1.3	1.1	0.7	0.4	0.0
-75°	1.8	1.4	1.2	0.9	0.6	0.3	0.0
-77.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)