

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: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626778 (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-SA1E-727-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6378.2 lumens  
Efficiency: N/A  
Efficacy: 96.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 64653.4 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 2036.2 lumens  
Beam Efficiency: 31.9%

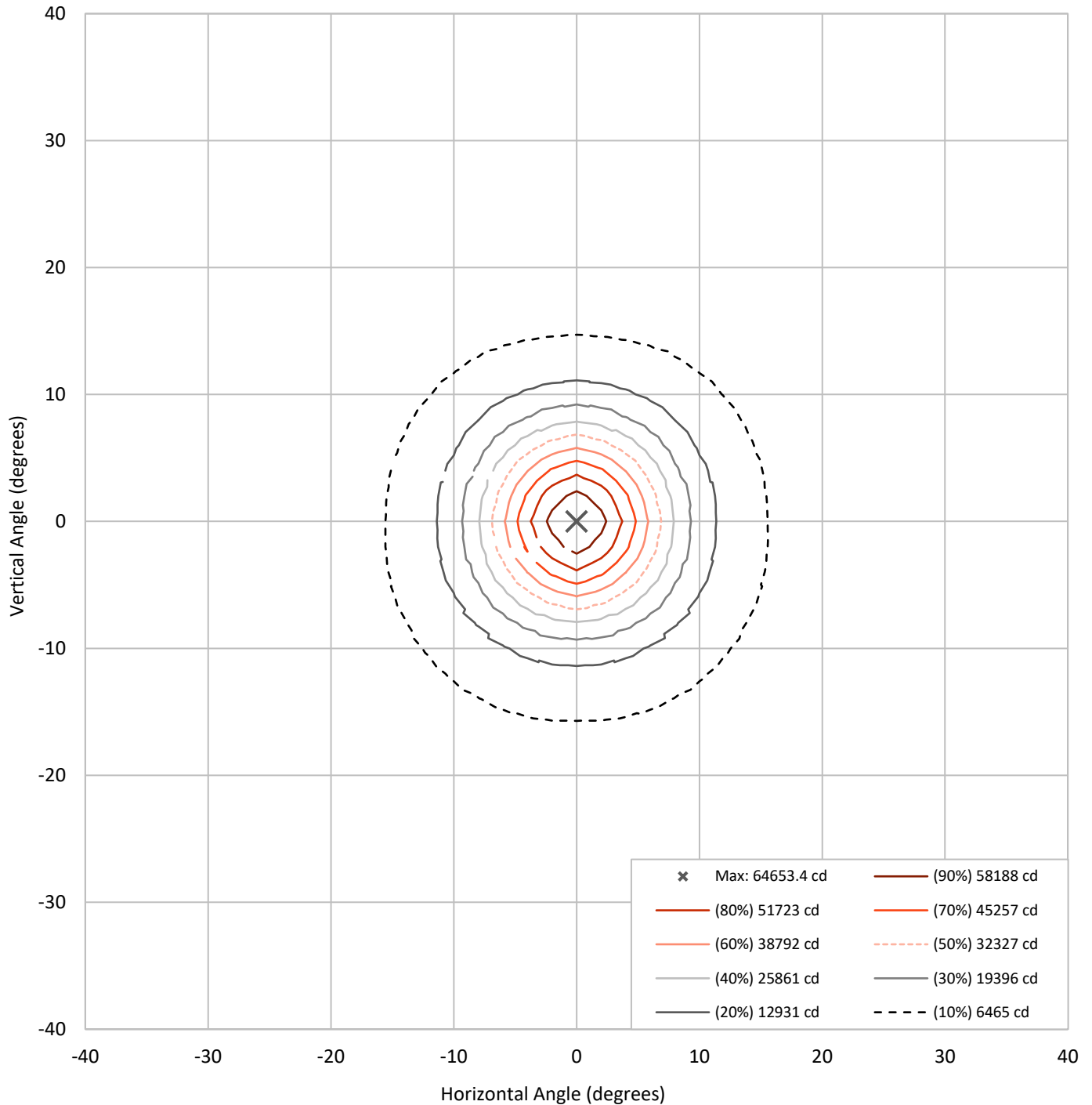
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 4535.3 lumens  
Field Efficiency: 71.1%

Input Watts (W): 66.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1E-727-U-NR-VSR-XX

### Iso-Candela Plot





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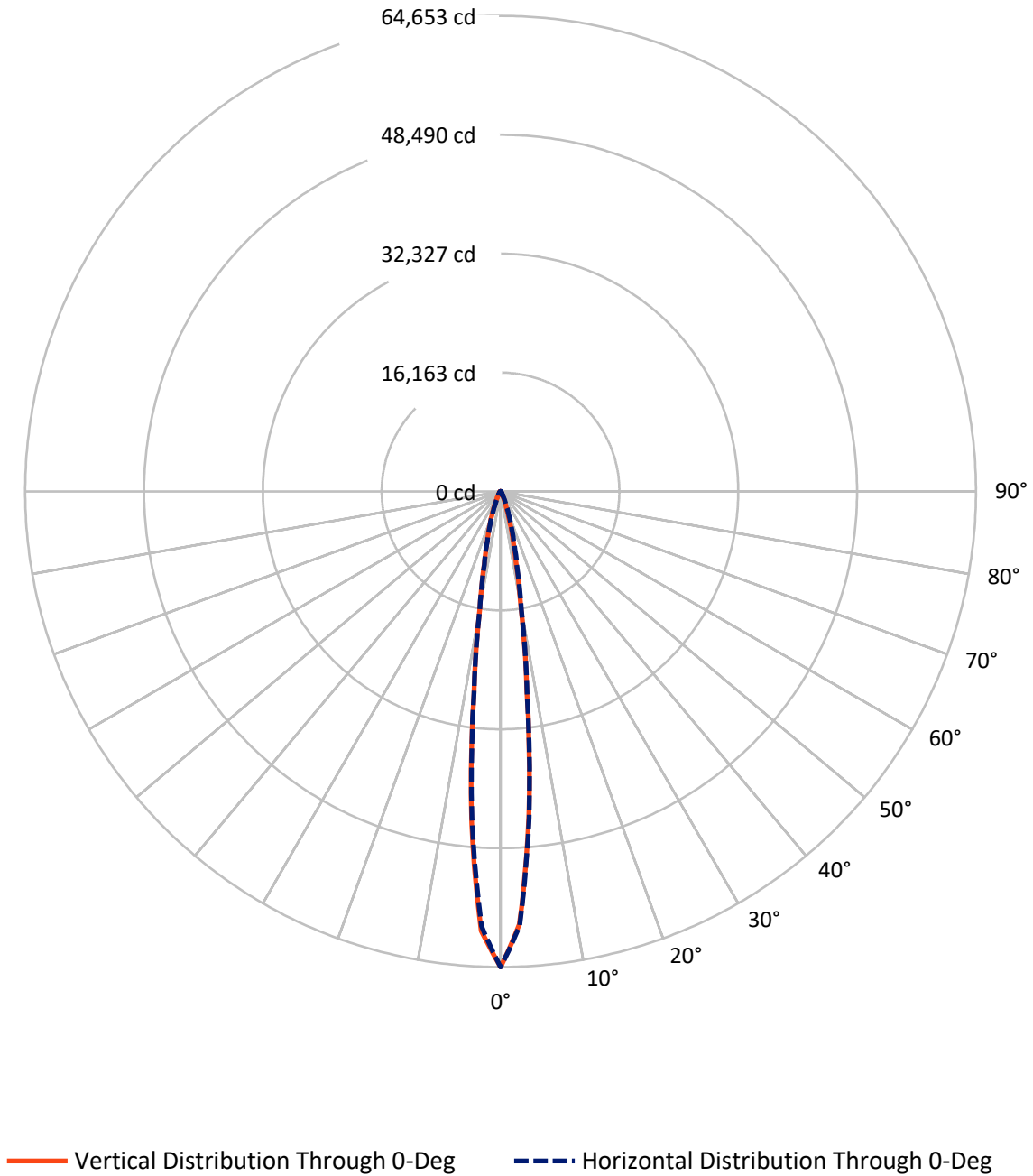
CATALOG NUMBER: GFLD-SA1E-727-U-NR-VSR-XX

### 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	0.2	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.2	0.0	0.0		
50	0.0	0.0	0.2	0.6	1.0	1.5	2.2	2.5	2.5	2.2	1.5	1.0	0.6	0.2	0.0	0.0	
40		0.1	0.4	1.1	1.9	3.1	5.2	6.6	6.6	5.2	3.1	1.9	1.1	0.4	0.1		
30	0.1	0.2	0.7	1.6	3.0	6.5	17.3	28.7	28.7	17.3	6.5	3.0	1.6	0.7	0.2	0.1	
20		0.3	1.0	2.3	4.9	19.4	81.8	179.7	179.7	81.8	19.4	4.9	2.3	1.0	0.3		
10	0.1	0.3	1.2	2.7	6.7	36.4	195.9	878.6	878.6	195.9	36.4	6.7	2.7	1.2	0.3	0.1	
0		0.4	1.3	2.8	7.2	38.8	202.8	893.6	893.6	202.8	38.8	7.2	2.8	1.3	0.4		
-10	0.1	0.4	1.3	2.8	6.3	24.7	98.4	210.6	210.6	98.4	24.7	6.3	2.8	1.3	0.4	0.1	
-20		0.4	1.3	2.5	4.9	11.5	30.3	50.6	50.6	30.3	11.5	4.9	2.5	1.3	0.4		
-30	0.1	0.3	1.1	2.2	3.8	6.3	10.3	13.1	13.1	10.3	6.3	3.8	2.2	1.1	0.3	0.1	
-40		0.3	0.9	1.9	3.1	4.4	6.0	6.6	6.6	6.0	4.4	3.1	1.9	0.9	0.3		
-50	0.1	0.2	0.7	1.5	2.4	3.4	4.3	4.7	4.7	4.3	3.4	2.4	1.5	0.7	0.2	0.1	
-60		0.1	0.4	0.9	1.6	2.4	3.0	3.3	3.3	3.0	2.4	1.6	0.9	0.4	0.1		
-70	0.0	0.4	1.6	3.5	4.5	3.5	1.6	0.4	0.0								
-80		0.4	1.6	3.5	4.5	3.5	1.6	0.4									
-90	0.0	0.4	1.6	3.5	4.5	3.5	1.6	0.4	0.0								

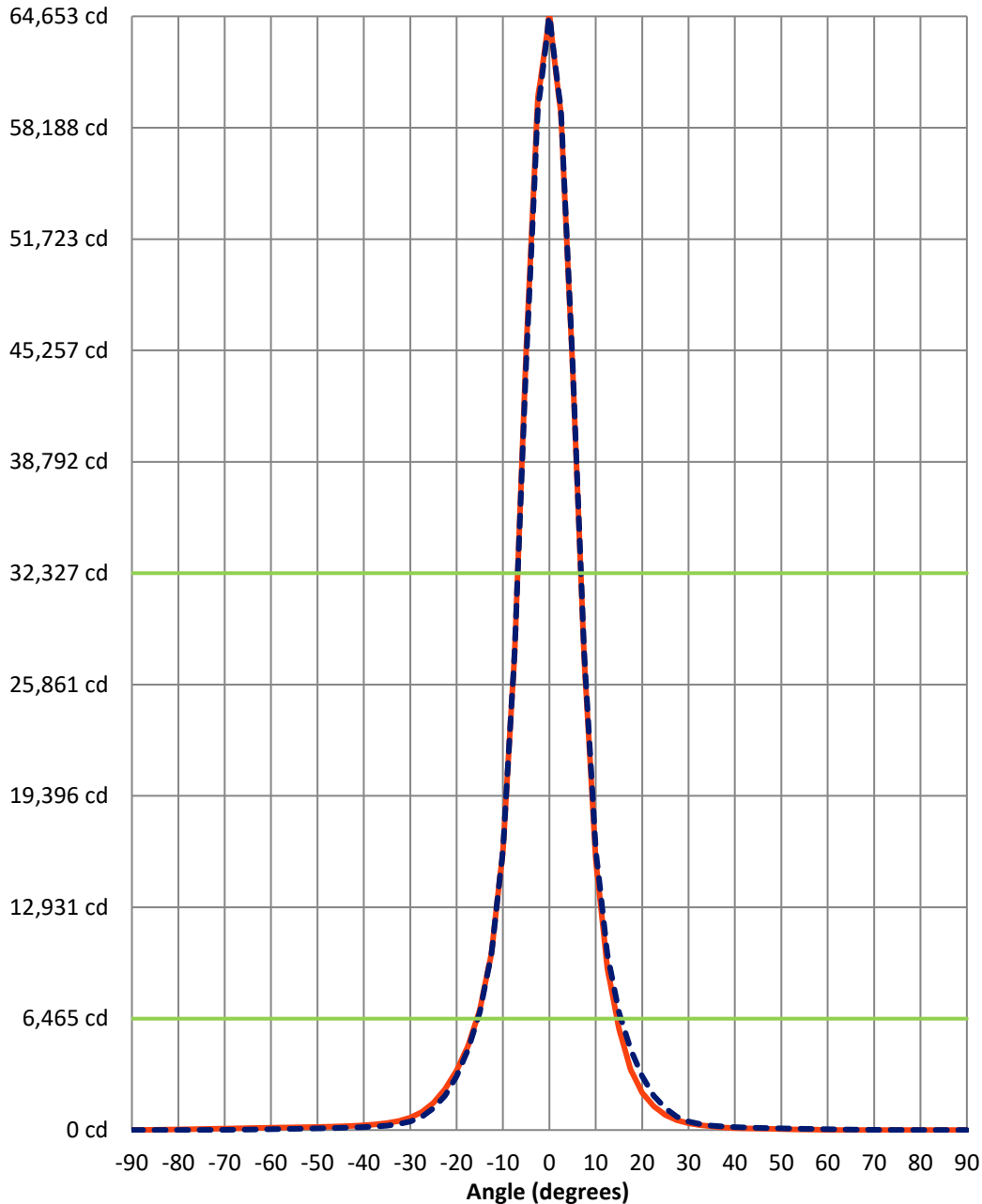
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 2036.2  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 4535.3  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 1842.9  
 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	0.2	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	0.1
72.5°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.3	0.1	0.0	0.3	0.3	0.2	0.4	0.6	0.5	0.2
67.5°	0.0	0.3	0.1	0.2	0.4	0.4	0.5	0.8	0.9	0.6	0.2
65°	0.0	0.3	0.1	0.3	0.6	0.6	0.8	1.2	0.9	0.6	0.4
62.5°	0.0	0.4	0.1	0.4	0.7	0.8	1.1	1.3	1.0	0.7	0.9
60°	0.0	0.4	0.2	0.6	0.9	1.0	1.4	1.4	1.1	1.0	1.3
57.5°	0.0	0.4	0.3	0.7	1.0	1.1	1.4	1.4	1.2	1.2	1.4
55°	0.0	0.5	0.4	0.9	1.1	1.3	1.4	1.4	1.3	1.4	1.4
52.5°	0.0	0.5	0.5	1.0	1.2	1.4	1.4	1.4	1.4	1.4	1.4
50°	0.0	0.6	0.6	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.6
47.5°	0.0	0.6	0.7	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.9
45°	0.0	0.6	0.8	1.4	1.3	1.4	1.4	1.4	1.4	1.7	2.2
42.5°	0.0	0.7	0.9	1.4	1.4	1.4	1.4	1.4	1.5	2.1	3.0
40°	0.0	0.7	1.0	1.4	1.4	1.4	1.4	1.6	1.8	2.5	3.9
37.5°	0.0	0.8	1.0	1.4	1.4	1.4	1.4	1.7	2.2	3.1	4.8
35°	0.0	0.8	1.1	1.4	1.4	1.4	1.4	1.8	2.7	4.0	5.9
32.5°	0.0	0.9	1.2	1.4	1.4	1.4	1.4	2.0	3.2	4.9	7.3
30°	0.0	0.9	1.2	1.4	1.4	1.4	1.6	2.3	3.8	5.7	8.9
27.5°	0.0	1.0	1.3	1.4	1.4	1.4	1.7	2.7	4.4	6.5	10.5
25°	0.0	1.0	1.3	1.4	1.4	1.4	1.9	3.1	5.1	7.6	12.3
22.5°	0.0	1.0	1.3	1.4	1.4	1.4	2.0	3.6	5.7	9.0	14.4
20°	0.0	1.1	1.3	1.4	1.4	1.5	2.2	4.0	6.3	10.4	16.3
17.5°	0.0	1.1	1.4	1.4	1.4	1.6	2.4	4.5	6.8	11.8	18.1
15°	0.0	1.2	1.4	1.4	1.4	1.8	2.7	4.9	7.3	13.1	19.7
12.5°	0.0	1.2	1.4	1.4	1.4	1.9	3.0	5.3	8.0	14.5	21.1
10°	0.0	1.3	1.4	1.4	1.4	2.1	3.2	5.7	8.9	15.7	22.4
7.5°	0.0	1.3	1.4	1.4	1.4	2.2	3.5	6.0	9.8	16.8	23.5
5°	0.0	1.3	1.4	1.4	1.4	2.4	3.7	6.3	10.7	17.8	24.5
2.5°	0.0	1.4	1.4	1.4	1.4	2.6	3.9	6.6	11.5	18.6	25.3
0°	0.0	1.4	1.4	1.4	1.4	2.7	4.1	6.8	12.3	19.2	26.0
-2.5°	0.0	1.4	1.4	1.4	1.5	2.8	4.5	7.2	13.0	19.7	26.9
-5°	0.0	1.4	1.4	1.4	1.6	3.0	4.8	7.6	13.6	20.1	27.6
-7.5°	0.0	1.4	1.4	1.4	1.7	3.1	5.1	7.9	14.1	20.4	28.1
-10°	0.0	1.4	1.4	1.4	1.8	3.2	5.3	8.3	14.5	20.6	28.5
-12.5°	0.0	1.4	1.4	1.4	1.9	3.3	5.6	8.5	14.7	20.8	29.0
-15°	0.0	1.4	1.4	1.4	2.0	3.4	5.7	8.7	14.7	21.2	29.5
-17.5°	0.0	1.3	1.4	1.4	2.0	3.4	5.9	8.9	14.6	21.4	29.7
-20°	0.0	1.3	1.4	1.4	2.1	3.5	5.9	9.1	14.4	21.4	29.7

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CATALOG NUMBER: GFLD-SA1E-727-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	1.3	1.4	1.4	2.1	3.5	6.0	9.2	14.1	21.2	29.3
-25°	0.0	1.3	1.4	1.4	2.1	3.6	6.1	9.2	13.7	20.7	28.7
-27.5°	0.0	1.2	1.4	1.4	2.1	3.7	6.1	9.2	13.1	20.0	28.1
-30°	0.0	1.2	1.4	1.4	2.0	3.8	6.0	9.1	12.8	19.3	27.1
-32.5°	0.0	1.2	1.4	1.4	2.0	3.8	6.0	9.0	12.7	18.4	25.9
-35°	0.0	1.1	1.4	1.4	2.0	3.8	6.0	8.9	12.4	17.4	24.2
-37.5°	0.0	1.1	1.4	1.4	1.9	3.7	5.9	8.7	12.0	16.3	23.3
-40°	0.0	1.1	1.4	1.4	1.9	3.7	5.8	8.5	11.6	15.6	22.4
-42.5°	0.0	1.0	1.4	1.4	1.9	3.6	5.7	8.3	11.2	15.3	21.4
-45°	0.0	1.0	1.4	1.4	1.9	3.4	5.5	8.0	10.9	14.8	20.2
-47.5°	0.0	0.9	1.4	1.5	1.9	3.2	5.3	7.8	10.5	14.2	19.4
-50°	0.0	0.9	1.4	1.5	2.0	3.0	5.0	7.4	10.2	13.7	18.4
-52.5°	0.0	0.9	1.4	1.5	2.0	2.8	4.7	7.0	9.6	12.9	17.2
-55°	0.0	0.8	1.4	1.5	1.9	2.7	4.4	6.5	9.0	12.0	16.0
-57.5°	0.0	0.8	1.4	1.5	1.9	2.7	4.0	6.0	8.4	11.1	14.5
-60°	0.0	0.7	1.4	1.5	1.9	2.6	3.5	5.4	7.6	10.2	13.0
-62.5°	0.0	0.6	1.3	1.5	1.8	2.4	3.4	4.8	6.9	9.2	11.8
-65°	0.0	0.6	1.2	1.5	1.8	2.3	3.1	4.2	6.0	8.1	10.5
-67.5°	0.0	0.5	1.1	1.4	1.7	2.2	2.9	3.9	5.1	7.0	9.1
-70°	0.0	0.5	1.0	1.4	1.6	2.0	2.6	3.5	4.6	5.8	7.7
-72.5°	0.0	0.4	0.8	1.3	1.5	1.8	2.4	3.1	4.0	5.1	6.3
-75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.7	3.4	4.3	5.3
-77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.3	2.9	3.5	4.3
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	2.0	2.5	3.1	3.6
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.5	2.1	2.6	3.0
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.8	2.3
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
-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	0.4	0.5	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.7	0.9	0.7	0.4	0.0	0.3	0.5	0.4	0.0	0.0	0.0
62.5°	1.3	1.1	0.8	0.6	0.8	1.1	0.8	0.5	0.1	0.6	0.9
60°	1.4	1.2	1.0	1.1	1.4	1.3	0.9	1.3	2.0	2.5	3.0
57.5°	1.4	1.3	1.3	1.5	1.6	1.6	2.4	3.2	4.5	5.6	6.4
55°	1.4	1.4	1.6	1.9	2.3	3.3	4.5	6.3	7.7	10.0	11.9
52.5°	1.6	1.6	2.1	2.8	4.1	5.6	7.8	10.4	13.3	15.5	17.8
50°	1.8	2.3	2.9	4.7	6.5	8.9	12.4	16.2	18.6	21.1	24.4
47.5°	2.4	3.1	4.8	6.8	9.5	13.3	18.1	20.8	23.2	27.1	31.3
45°	3.3	4.6	6.7	9.6	13.3	18.6	22.4	24.5	28.8	33.3	38.0
42.5°	4.2	6.4	9.3	12.3	18.1	23.1	26.5	30.0	34.3	39.5	44.7
40°	5.7	8.2	12.1	16.8	22.6	27.6	31.8	35.9	40.0	47.0	52.4
37.5°	7.2	10.8	15.2	21.1	27.2	32.5	37.3	42.4	48.4	56.2	61.1
35°	8.7	13.6	19.0	25.2	31.7	37.8	43.5	49.4	57.2	64.5	70.4
32.5°	10.8	16.4	22.5	29.2	35.9	42.7	49.7	56.8	64.5	72.0	79.6
30°	13.4	19.4	25.8	33.0	39.7	47.7	55.7	63.3	71.0	78.8	87.5
27.5°	16.0	22.2	29.1	36.4	43.4	52.5	61.2	69.1	76.9	85.4	95.4
25°	18.4	25.0	32.3	39.4	47.7	57.4	67.0	76.1	82.7	92.4	104.0
22.5°	20.7	27.8	35.6	42.2	51.8	62.4	73.5	83.3	91.1	99.8	112.9
20°	23.0	30.6	38.6	46.0	55.9	67.3	80.5	90.6	100.4	111.5	124.9
17.5°	25.2	33.3	41.7	50.5	60.9	72.7	87.7	97.9	109.6	123.0	139.9
15°	27.3	35.7	44.8	54.6	65.4	78.1	92.5	105.4	119.3	134.7	154.8
12.5°	29.2	38.0	47.8	58.4	69.3	82.7	96.6	110.2	126.3	146.5	171.7
10°	31.0	40.0	50.7	62.0	72.8	86.6	100.2	114.4	131.4	153.6	182.4
7.5°	32.5	42.0	53.4	65.2	75.7	89.9	103.3	117.8	135.6	159.4	189.5
5°	33.7	44.2	56.0	67.2	78.2	92.7	105.9	120.5	139.0	163.9	194.6
2.5°	34.8	46.2	58.3	68.7	80.3	95.2	108.0	123.5	142.4	167.4	199.4
0°	35.6	47.9	60.2	69.8	82.1	97.2	109.5	125.9	145.1	169.7	203.9
-2.5°	37.3	49.3	61.3	71.1	84.0	97.5	110.5	126.3	146.1	171.5	204.7
-5°	38.6	50.5	62.2	72.1	85.4	97.4	110.9	126.0	146.4	172.5	206.2
-7.5°	39.7	51.4	62.7	72.8	86.2	97.9	111.5	126.9	147.5	173.4	208.2
-10°	40.4	52.0	63.2	73.8	86.4	98.4	111.7	127.2	147.3	172.8	207.1
-12.5°	40.7	52.4	63.4	74.3	86.3	98.3	111.4	126.5	145.8	170.7	202.9
-15°	40.9	52.5	63.4	74.4	86.1	97.7	110.5	125.1	143.1	167.0	196.3
-17.5°	40.7	52.4	63.1	74.0	85.8	96.6	109.2	123.2	140.3	162.7	190.9
-20°	40.4	52.1	62.6	73.0	85.3	95.6	107.8	121.3	137.5	157.7	182.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	39.8	51.6	62.0	72.0	83.8	94.6	106.0	118.9	133.4	151.7	174.1
-25°	39.2	50.7	61.1	71.2	82.1	93.1	103.8	116.1	129.3	146.9	167.1
-27.5°	38.3	49.5	59.9	70.1	80.3	91.1	101.5	113.1	126.3	141.8	159.8
-30°	37.0	47.8	58.2	68.7	78.6	88.9	98.9	110.0	122.4	137.0	153.6
-32.5°	35.4	46.0	56.1	66.5	76.8	86.6	96.1	106.7	118.3	131.1	146.9
-35°	33.8	44.0	53.9	63.7	74.6	84.0	93.2	102.9	113.8	125.7	138.5
-37.5°	32.3	41.8	51.5	60.8	71.1	80.9	89.8	99.0	109.1	120.1	131.7
-40°	30.7	39.5	49.0	58.0	67.1	77.1	85.9	94.9	104.1	115.1	125.5
-42.5°	29.0	37.6	46.3	55.2	63.9	72.8	81.6	90.2	100.0	110.4	120.6
-45°	27.5	35.5	43.7	52.3	60.8	68.9	77.2	85.2	95.1	105.5	115.5
-47.5°	25.9	33.4	41.3	49.2	57.5	65.6	73.1	81.2	89.6	99.4	109.8
-50°	24.1	31.3	38.6	46.0	53.9	62.0	69.6	77.1	85.0	93.0	102.1
-52.5°	22.7	28.9	35.7	42.4	50.0	57.9	65.6	73.0	80.4	87.9	95.6
-55°	21.0	26.7	32.6	38.9	45.6	53.1	60.7	68.0	75.5	82.6	90.1
-57.5°	19.1	24.2	29.6	35.5	41.5	47.7	55.1	62.4	69.4	76.6	84.3
-60°	16.9	21.5	26.4	31.8	37.7	43.4	49.3	56.1	62.8	69.6	76.8
-62.5°	14.7	18.7	23.1	27.8	33.2	38.7	44.2	49.9	56.1	61.9	68.2
-65°	13.1	16.0	19.7	23.9	28.3	33.3	38.4	43.7	49.1	54.1	58.9
-67.5°	11.5	14.1	16.8	19.9	23.9	28.1	32.3	37.0	41.8	46.4	50.9
-70°	9.8	12.1	14.5	17.1	20.0	23.4	27.3	31.1	34.8	38.6	42.8
-72.5°	8.0	10.0	12.1	14.4	16.8	19.5	22.5	25.8	29.1	32.2	35.5
-75°	6.6	7.9	9.6	11.6	13.7	15.8	18.0	20.5	23.3	26.1	28.8
-77.5°	5.4	6.6	7.8	9.0	10.5	12.5	14.4	16.3	18.2	20.3	22.6
-80°	4.4	5.3	6.4	7.5	8.5	9.7	11.1	12.6	13.9	15.3	16.9
-82.5°	3.7	4.4	5.1	6.0	6.6	7.2	7.9	8.8	9.7	10.7	11.6
-85°	2.8	3.4	3.9	4.5	4.8	5.1	5.4	5.8	6.4	7.0	7.5
-87.5°	1.4	1.7	2.0	2.3	2.5	2.6	2.8	2.9	3.3	3.7	4.1
-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: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0.3	0.3	0.3	0.1	0.0	0.0
62.5°	0.8	0.7	1.0	1.4	1.6	1.5	1.4	1.3	1.1	1.0	1.1
60°	3.3	3.2	4.5	5.1	4.6	3.2	5.1	6.1	5.8	5.0	5.0
57.5°	8.0	9.7	11.0	11.5	13.4	16.3	16.9	15.9	15.5	15.8	18.3
55°	13.9	15.3	16.0	18.5	20.7	22.3	23.3	24.2	25.6	27.3	29.1
52.5°	19.7	21.6	23.0	25.3	27.9	28.8	28.6	32.0	34.6	36.3	37.0
50°	27.0	29.4	32.8	36.3	37.8	39.3	40.8	43.6	47.7	52.7	55.6
47.5°	35.0	38.7	42.3	46.3	48.3	49.8	52.1	57.0	62.8	68.2	71.0
45°	42.1	45.5	49.5	53.0	55.4	58.5	61.8	66.2	72.7	78.3	82.2
42.5°	47.8	51.6	55.8	59.9	62.5	66.5	71.7	77.6	84.4	90.3	94.6
40°	55.9	59.1	65.7	69.7	70.7	74.5	84.7	92.9	100.5	107.8	111.4
37.5°	65.6	71.8	78.7	82.3	85.8	92.6	106.3	119.4	129.1	139.0	144.4
35°	76.6	84.8	94.3	98.5	106.0	120.7	136.8	155.1	177.8	187.3	196.0
32.5°	87.3	96.5	105.2	114.7	127.9	145.4	163.6	193.2	220.9	242.3	258.0
30°	96.8	106.5	117.3	129.6	148.2	172.4	202.7	241.0	280.0	314.1	342.8
27.5°	106.1	117.2	130.1	148.4	174.6	207.4	255.7	310.4	375.6	423.6	480.8
25°	116.4	129.1	145.7	172.1	207.5	256.5	333.8	422.7	529.4	616.0	706.6
22.5°	128.6	147.3	168.3	197.8	259.6	340.3	446.0	597.8	762.1	913.9	1060.2
20°	143.4	168.9	202.6	256.9	336.2	455.6	639.0	881.4	1123.0	1380.3	1628.0
17.5°	164.4	201.2	253.5	330.7	435.3	671.4	969.1	1343.9	1825.5	2261.9	2642.9
15°	184.1	228.1	310.7	426.1	608.6	921.5	1373.6	1992.3	2742.7	3426.7	4149.1
12.5°	204.7	256.7	351.6	498.6	752.1	1159.5	1794.9	2642.5	3582.2	4613.0	5787.2
10°	221.1	284.2	397.8	584.3	896.7	1404.0	2160.8	3188.9	4437.6	5963.2	7840.1
7.5°	232.2	306.3	436.0	647.0	1029.8	1654.1	2565.1	3800.8	5362.0	7383.0	10009.3
5°	240.8	323.1	464.7	704.1	1142.4	1845.0	2864.7	4336.7	6183.5	8891.2	13342.2
2.5°	247.7	336.0	482.5	743.4	1213.1	1977.9	3065.7	4639.9	6672.5	10006.4	15780.8
0°	253.2	347.6	494.0	767.7	1267.2	1991.2	3128.4	4695.3	6848.0	10207.6	16305.7
-2.5°	255.5	353.8	498.0	773.0	1261.8	2014.0	3147.6	4739.6	6841.4	10097.4	15719.5
-5°	259.3	353.7	495.0	767.6	1233.5	1955.0	3022.6	4491.7	6428.6	9228.9	13835.1
-7.5°	262.1	348.1	480.7	732.8	1159.5	1827.5	2802.9	4080.7	5677.5	7803.7	10656.4
-10°	259.5	337.2	456.8	674.5	1044.4	1622.9	2468.9	3538.3	4865.3	6441.0	8379.3
-12.5°	249.8	317.3	417.8	592.8	895.3	1393.7	2132.9	3043.4	4025.6	5132.2	6471.5
-15°	237.4	295.7	382.7	536.7	784.7	1166.5	1706.2	2444.8	3232.7	4072.9	4968.9
-17.5°	227.8	276.8	348.8	460.3	642.7	946.3	1370.4	1895.1	2474.1	3113.8	3644.8
-20°	214.8	253.5	313.9	405.0	544.2	745.3	1054.2	1435.4	1817.5	2267.3	2634.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	201.8	235.5	281.4	348.1	451.7	603.6	794.4	1049.0	1328.4	1586.6	1840.7
-25°	189.7	215.7	252.8	307.5	377.8	481.5	617.3	763.3	947.5	1104.6	1279.0
-27.5°	179.9	202.2	229.6	269.7	324.2	390.9	488.2	586.1	682.9	762.2	882.3
-30°	170.4	188.4	211.3	239.9	280.7	332.1	395.3	458.8	514.7	565.6	628.2
-32.5°	161.1	175.7	193.3	217.1	246.4	285.0	323.8	369.3	408.1	444.0	477.2
-35°	151.8	164.8	178.2	198.2	221.6	249.0	277.2	308.1	335.0	359.1	380.5
-37.5°	143.4	154.8	167.4	182.3	201.1	221.8	244.8	267.2	285.0	300.7	313.6
-40°	136.3	146.7	157.5	169.4	183.7	200.0	219.6	238.3	250.7	260.3	268.2
-42.5°	129.9	139.1	148.3	158.4	169.4	183.5	199.0	214.4	222.9	230.3	235.9
-45°	124.9	131.9	139.6	148.3	158.0	169.8	182.0	192.7	200.2	206.6	211.3
-47.5°	118.2	124.9	131.6	138.7	147.8	157.7	167.7	175.9	182.5	188.0	191.7
-50°	110.7	117.9	124.0	130.3	138.6	147.0	155.1	161.9	168.1	173.5	176.4
-52.5°	103.1	110.7	117.1	123.3	130.3	137.6	144.9	150.7	156.1	161.3	163.4
-55°	97.6	104.6	111.2	117.0	122.8	128.6	134.5	140.6	146.0	150.9	152.3
-57.5°	91.6	98.8	105.3	110.5	115.8	121.0	126.5	131.9	137.1	141.8	143.0
-60°	84.3	92.1	97.9	102.8	107.9	113.1	117.9	122.7	127.6	131.6	132.9
-62.5°	75.1	82.1	87.9	93.1	98.0	102.5	107.1	111.6	116.0	119.2	120.3
-65°	64.0	70.0	75.9	81.3	86.2	90.6	94.8	98.9	102.9	105.7	107.1
-67.5°	55.3	59.6	64.4	69.0	73.9	78.3	82.2	85.8	89.2	91.6	93.1
-70°	46.8	51.0	55.5	59.9	64.1	67.7	70.8	73.7	76.6	78.8	80.4
-72.5°	38.7	42.2	46.0	49.9	53.7	57.0	59.9	62.5	65.0	66.8	68.3
-75°	31.4	34.3	37.5	40.6	43.8	46.4	48.7	51.0	53.3	54.9	56.2
-77.5°	24.9	27.4	29.9	32.3	34.8	36.7	38.4	40.1	41.8	43.0	44.2
-80°	18.5	20.4	22.4	24.3	26.3	27.7	29.0	30.3	31.4	32.2	32.9
-82.5°	12.6	14.0	15.3	16.7	18.1	19.2	20.2	21.3	22.3	22.6	22.9
-85°	8.1	8.8	9.5	10.2	11.0	11.6	12.2	12.7	13.2	13.7	14.2
-87.5°	4.5	4.6	4.8	4.9	5.0	5.4	5.8	6.2	6.6	6.6	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0	1.1	1.3
60°	4.7	4.2	4.1	4.1	4.1	4.2	4.7	5.0	5.0	5.8	6.1
57.5°	20.8	23.1	23.8	23.3	23.8	23.1	20.8	18.3	15.8	15.5	15.9
55°	30.3	31.1	31.4	31.5	31.4	31.1	30.3	29.1	27.3	25.6	24.2
52.5°	37.1	36.9	36.8	36.9	36.8	36.9	37.1	37.0	36.3	34.6	32.0
50°	55.8	54.8	54.4	54.7	54.4	54.8	55.8	55.6	52.7	47.7	43.6
47.5°	71.4	71.7	72.1	72.5	72.1	71.7	71.4	71.0	68.2	62.8	57.0
45°	83.3	84.0	84.5	84.8	84.5	84.0	83.3	82.2	78.3	72.7	66.2
42.5°	95.6	95.7	95.5	95.8	95.5	95.7	95.6	94.6	90.3	84.4	77.6
40°	112.9	113.2	112.8	112.2	112.8	113.2	112.9	111.4	107.8	100.5	92.9
37.5°	147.5	148.0	146.4	145.1	146.4	148.0	147.5	144.4	139.0	129.1	119.4
35°	204.0	209.8	212.6	213.5	212.6	209.8	204.0	196.0	187.3	177.8	155.1
32.5°	268.8	276.9	281.0	284.6	281.0	276.9	268.8	258.0	242.3	220.9	193.2
30°	361.7	376.7	383.4	392.8	383.4	376.7	361.7	342.8	314.1	280.0	241.0
27.5°	513.4	539.8	554.4	567.9	554.4	539.8	513.4	480.8	423.6	375.6	310.4
25°	772.5	823.3	856.2	871.7	856.2	823.3	772.5	706.6	616.0	529.4	422.7
22.5°	1201.7	1295.4	1367.7	1382.2	1367.7	1295.4	1201.7	1060.2	913.9	762.1	597.8
20°	1868.2	2002.3	2111.4	2166.3	2111.4	2002.3	1868.2	1628.0	1380.3	1123.0	881.4
17.5°	3096.7	3375.6	3503.0	3523.9	3503.0	3375.6	3096.7	2642.9	2261.9	1825.5	1343.9
15°	4924.2	5396.1	5695.7	5888.7	5695.7	5396.1	4924.2	4149.1	3426.7	2742.7	1992.3
12.5°	7009.4	8350.4	9113.4	9404.3	9113.4	8350.4	7009.4	5787.2	4613.0	3582.2	2642.5
10°	9839.5	12996.3	14817.3	15733.6	14817.3	12996.3	9839.5	7840.1	5963.2	4437.6	3188.9
7.5°	14642.8	19518.5	24920.6	27420.0	24920.6	19518.5	14642.8	10009.3	7383.0	5362.0	3800.8
5°	19692.2	30397.4	39793.4	44292.8	39793.4	30397.4	19692.2	13342.2	8891.2	6183.5	4336.7
2.5°	25495.7	39932.6	53280.7	58893.4	53280.7	39932.6	25495.7	15780.8	10006.4	6672.5	4639.9
0°	27729.3	44546.0	59144.5	64653.4	59144.5	44546.0	27729.3	16305.7	10207.6	6848.0	4695.3
-2.5°	25841.0	40632.0	53510.1	59804.8	53510.1	40632.0	25841.0	15719.5	10097.4	6841.4	4739.6
-5°	20532.0	30564.9	40102.4	45231.6	40102.4	30564.9	20532.0	13835.1	9228.9	6428.6	4491.7
-7.5°	15069.2	20531.0	25827.8	27680.0	25827.8	20531.0	15069.2	10656.4	7803.7	5677.5	4080.7
-10°	10491.5	13619.1	15683.6	16272.8	15683.6	13619.1	10491.5	8379.3	6441.0	4865.3	3538.3
-12.5°	7778.4	9146.4	10098.2	10263.7	10098.2	9146.4	7778.4	6471.5	5132.2	4025.6	3043.4
-15°	5759.7	6455.3	6946.3	6979.3	6946.3	6455.3	5759.7	4968.9	4072.9	3232.7	2444.8
-17.5°	4210.3	4677.3	4925.1	4907.4	4925.1	4677.3	4210.3	3644.8	3113.8	2474.1	1895.1
-20°	3010.6	3292.1	3491.7	3452.7	3491.7	3292.1	3010.6	2634.0	2267.3	1817.5	1435.4



REPORT NUMBER: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	2099.2	2286.1	2403.0	2373.0	2403.0	2286.1	2099.2	1840.7	1586.6	1328.4	1049.0
-25°	1426.4	1528.2	1586.2	1576.5	1586.2	1528.2	1426.4	1279.0	1104.6	947.5	763.3
-27.5°	972.0	1025.8	1043.7	1042.8	1043.7	1025.8	972.0	882.3	762.2	682.9	586.1
-30°	674.7	710.8	731.5	718.5	731.5	710.8	674.7	628.2	565.6	514.7	458.8
-32.5°	502.8	523.2	535.0	522.8	535.0	523.2	502.8	477.2	444.0	408.1	369.3
-35°	396.3	406.6	410.8	403.7	410.8	406.6	396.3	380.5	359.1	335.0	308.1
-37.5°	323.1	329.1	331.2	327.1	331.2	329.1	323.1	313.6	300.7	285.0	267.2
-40°	273.8	277.4	278.4	275.1	278.4	277.4	273.8	268.2	260.3	250.7	238.3
-42.5°	239.5	241.7	242.3	240.9	242.3	241.7	239.5	235.9	230.3	222.9	214.4
-45°	214.1	216.0	216.3	214.9	216.3	216.0	214.1	211.3	206.6	200.2	192.7
-47.5°	193.5	194.6	194.9	194.3	194.9	194.6	193.5	191.7	188.0	182.5	175.9
-50°	177.7	178.5	178.6	177.9	178.6	178.5	177.7	176.4	173.5	168.1	161.9
-52.5°	164.5	165.0	165.4	165.6	165.4	165.0	164.5	163.4	161.3	156.1	150.7
-55°	153.3	154.0	154.5	154.6	154.5	154.0	153.3	152.3	150.9	146.0	140.6
-57.5°	143.9	144.6	145.0	145.1	145.0	144.6	143.9	143.0	141.8	137.1	131.9
-60°	134.0	134.8	135.3	135.5	135.3	134.8	134.0	132.9	131.6	127.6	122.7
-62.5°	121.0	121.3	121.7	121.8	121.7	121.3	121.0	120.3	119.2	116.0	111.6
-65°	108.2	108.9	109.4	109.5	109.4	108.9	108.2	107.1	105.7	102.9	98.9
-67.5°	94.3	95.3	96.3	97.2	96.3	95.3	94.3	93.1	91.6	89.2	85.8
-70°	81.8	83.0	83.4	83.5	83.4	83.0	81.8	80.4	78.8	76.6	73.7
-72.5°	69.6	70.8	71.7	72.5	71.7	70.8	69.6	68.3	66.8	65.0	62.5
-75°	57.4	58.5	58.7	58.8	58.7	58.5	57.4	56.2	54.9	53.3	51.0
-77.5°	45.3	46.2	46.4	46.5	46.4	46.2	45.3	44.2	43.0	41.8	40.1
-80°	33.5	34.0	34.8	35.6	34.8	34.0	33.5	32.9	32.2	31.4	30.3
-82.5°	23.1	23.2	23.3	23.3	23.3	23.2	23.1	22.9	22.6	22.3	21.3
-85°	14.6	15.0	15.1	15.1	15.1	15.0	14.6	14.2	13.7	13.2	12.7
-87.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.2
-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: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4
62.5°	1.4	1.5	1.6	1.4	1.0	0.7	0.8	0.9	0.6	0.1	0.5
60°	5.1	3.2	4.6	5.1	4.5	3.2	3.3	3.0	2.5	2.0	1.3
57.5°	16.9	16.3	13.4	11.5	11.0	9.7	8.0	6.4	5.6	4.5	3.2
55°	23.3	22.3	20.7	18.5	16.0	15.3	13.9	11.9	10.0	7.7	6.3
52.5°	28.6	28.8	27.9	25.3	23.0	21.6	19.7	17.8	15.5	13.3	10.4
50°	40.8	39.3	37.8	36.3	32.8	29.4	27.0	24.4	21.1	18.6	16.2
47.5°	52.1	49.8	48.3	46.3	42.3	38.7	35.0	31.3	27.1	23.2	20.8
45°	61.8	58.5	55.4	53.0	49.5	45.5	42.1	38.0	33.3	28.8	24.5
42.5°	71.7	66.5	62.5	59.9	55.8	51.6	47.8	44.7	39.5	34.3	30.0
40°	84.7	74.5	70.7	69.7	65.7	59.1	55.9	52.4	47.0	40.0	35.9
37.5°	106.3	92.6	85.8	82.3	78.7	71.8	65.6	61.1	56.2	48.4	42.4
35°	136.8	120.7	106.0	98.5	94.3	84.8	76.6	70.4	64.5	57.2	49.4
32.5°	163.6	145.4	127.9	114.7	105.2	96.5	87.3	79.6	72.0	64.5	56.8
30°	202.7	172.4	148.2	129.6	117.3	106.5	96.8	87.5	78.8	71.0	63.3
27.5°	255.7	207.4	174.6	148.4	130.1	117.2	106.1	95.4	85.4	76.9	69.1
25°	333.8	256.5	207.5	172.1	145.7	129.1	116.4	104.0	92.4	82.7	76.1
22.5°	446.0	340.3	259.6	197.8	168.3	147.3	128.6	112.9	99.8	91.1	83.3
20°	639.0	455.6	336.2	256.9	202.6	168.9	143.4	124.9	111.5	100.4	90.6
17.5°	969.1	671.4	435.3	330.7	253.5	201.2	164.4	139.9	123.0	109.6	97.9
15°	1373.6	921.5	608.6	426.1	310.7	228.1	184.1	154.8	134.7	119.3	105.4
12.5°	1794.9	1159.5	752.1	498.6	351.6	256.7	204.7	171.7	146.5	126.3	110.2
10°	2160.8	1404.0	896.7	584.3	397.8	284.2	221.1	182.4	153.6	131.4	114.4
7.5°	2565.1	1654.1	1029.8	647.0	436.0	306.3	232.2	189.5	159.4	135.6	117.8
5°	2864.7	1845.0	1142.4	704.1	464.7	323.1	240.8	194.6	163.9	139.0	120.5
2.5°	3065.7	1977.9	1213.1	743.4	482.5	336.0	247.7	199.4	167.4	142.4	123.5
0°	3128.4	1991.2	1267.2	767.7	494.0	347.6	253.2	203.9	169.7	145.1	125.9
-2.5°	3147.6	2014.0	1261.8	773.0	498.0	353.8	255.5	204.7	171.5	146.1	126.3
-5°	3022.6	1955.0	1233.5	767.6	495.0	353.7	259.3	206.2	172.5	146.4	126.0
-7.5°	2802.9	1827.5	1159.5	732.8	480.7	348.1	262.1	208.2	173.4	147.5	126.9
-10°	2468.9	1622.9	1044.4	674.5	456.8	337.2	259.5	207.1	172.8	147.3	127.2
-12.5°	2132.9	1393.7	895.3	592.8	417.8	317.3	249.8	202.9	170.7	145.8	126.5
-15°	1706.2	1166.5	784.7	536.7	382.7	295.7	237.4	196.3	167.0	143.1	125.1
-17.5°	1370.4	946.3	642.7	460.3	348.8	276.8	227.8	190.9	162.7	140.3	123.2
-20°	1054.2	745.3	544.2	405.0	313.9	253.5	214.8	182.9	157.7	137.5	121.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	794.4	603.6	451.7	348.1	281.4	235.5	201.8	174.1	151.7	133.4	118.9
-25°	617.3	481.5	377.8	307.5	252.8	215.7	189.7	167.1	146.9	129.3	116.1
-27.5°	488.2	390.9	324.2	269.7	229.6	202.2	179.9	159.8	141.8	126.3	113.1
-30°	395.3	332.1	280.7	239.9	211.3	188.4	170.4	153.6	137.0	122.4	110.0
-32.5°	323.8	285.0	246.4	217.1	193.3	175.7	161.1	146.9	131.1	118.3	106.7
-35°	277.2	249.0	221.6	198.2	178.2	164.8	151.8	138.5	125.7	113.8	102.9
-37.5°	244.8	221.8	201.1	182.3	167.4	154.8	143.4	131.7	120.1	109.1	99.0
-40°	219.6	200.0	183.7	169.4	157.5	146.7	136.3	125.5	115.1	104.1	94.9
-42.5°	199.0	183.5	169.4	158.4	148.3	139.1	129.9	120.6	110.4	100.0	90.2
-45°	182.0	169.8	158.0	148.3	139.6	131.9	124.9	115.5	105.5	95.1	85.2
-47.5°	167.7	157.7	147.8	138.7	131.6	124.9	118.2	109.8	99.4	89.6	81.2
-50°	155.1	147.0	138.6	130.3	124.0	117.9	110.7	102.1	93.0	85.0	77.1
-52.5°	144.9	137.6	130.3	123.3	117.1	110.7	103.1	95.6	87.9	80.4	73.0
-55°	134.5	128.6	122.8	117.0	111.2	104.6	97.6	90.1	82.6	75.5	68.0
-57.5°	126.5	121.0	115.8	110.5	105.3	98.8	91.6	84.3	76.6	69.4	62.4
-60°	117.9	113.1	107.9	102.8	97.9	92.1	84.3	76.8	69.6	62.8	56.1
-62.5°	107.1	102.5	98.0	93.1	87.9	82.1	75.1	68.2	61.9	56.1	49.9
-65°	94.8	90.6	86.2	81.3	75.9	70.0	64.0	58.9	54.1	49.1	43.7
-67.5°	82.2	78.3	73.9	69.0	64.4	59.6	55.3	50.9	46.4	41.8	37.0
-70°	70.8	67.7	64.1	59.9	55.5	51.0	46.8	42.8	38.6	34.8	31.1
-72.5°	59.9	57.0	53.7	49.9	46.0	42.2	38.7	35.5	32.2	29.1	25.8
-75°	48.7	46.4	43.8	40.6	37.5	34.3	31.4	28.8	26.1	23.3	20.5
-77.5°	38.4	36.7	34.8	32.3	29.9	27.4	24.9	22.6	20.3	18.2	16.3
-80°	29.0	27.7	26.3	24.3	22.4	20.4	18.5	16.9	15.3	13.9	12.6
-82.5°	20.2	19.2	18.1	16.7	15.3	14.0	12.6	11.6	10.7	9.7	8.8
-85°	12.2	11.6	11.0	10.2	9.5	8.8	8.1	7.5	7.0	6.4	5.8
-87.5°	5.8	5.4	5.0	4.9	4.8	4.6	4.5	4.1	3.7	3.3	2.9
-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: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0.1	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	0.5	0.6	0.4
67.5°	0.0	0.0	0.0	0.3	0.5	0.4	0.1	0.2	0.6	0.9	0.8
65°	0.5	0.3	0.0	0.4	0.7	0.9	0.7	0.4	0.6	0.9	1.2
62.5°	0.8	1.1	0.8	0.6	0.8	1.1	1.3	0.9	0.7	1.0	1.3
60°	0.9	1.3	1.4	1.1	1.0	1.2	1.4	1.3	1.0	1.1	1.4
57.5°	2.4	1.6	1.6	1.5	1.3	1.3	1.4	1.4	1.2	1.2	1.4
55°	4.5	3.3	2.3	1.9	1.6	1.4	1.4	1.4	1.4	1.3	1.4
52.5°	7.8	5.6	4.1	2.8	2.1	1.6	1.6	1.4	1.4	1.4	1.4
50°	12.4	8.9	6.5	4.7	2.9	2.3	1.8	1.6	1.4	1.4	1.4
47.5°	18.1	13.3	9.5	6.8	4.8	3.1	2.4	1.9	1.4	1.4	1.4
45°	22.4	18.6	13.3	9.6	6.7	4.6	3.3	2.2	1.7	1.4	1.4
42.5°	26.5	23.1	18.1	12.3	9.3	6.4	4.2	3.0	2.1	1.5	1.4
40°	31.8	27.6	22.6	16.8	12.1	8.2	5.7	3.9	2.5	1.8	1.6
37.5°	37.3	32.5	27.2	21.1	15.2	10.8	7.2	4.8	3.1	2.2	1.7
35°	43.5	37.8	31.7	25.2	19.0	13.6	8.7	5.9	4.0	2.7	1.8
32.5°	49.7	42.7	35.9	29.2	22.5	16.4	10.8	7.3	4.9	3.2	2.0
30°	55.7	47.7	39.7	33.0	25.8	19.4	13.4	8.9	5.7	3.8	2.3
27.5°	61.2	52.5	43.4	36.4	29.1	22.2	16.0	10.5	6.5	4.4	2.7
25°	67.0	57.4	47.7	39.4	32.3	25.0	18.4	12.3	7.6	5.1	3.1
22.5°	73.5	62.4	51.8	42.2	35.6	27.8	20.7	14.4	9.0	5.7	3.6
20°	80.5	67.3	55.9	46.0	38.6	30.6	23.0	16.3	10.4	6.3	4.0
17.5°	87.7	72.7	60.9	50.5	41.7	33.3	25.2	18.1	11.8	6.8	4.5
15°	92.5	78.1	65.4	54.6	44.8	35.7	27.3	19.7	13.1	7.3	4.9
12.5°	96.6	82.7	69.3	58.4	47.8	38.0	29.2	21.1	14.5	8.0	5.3
10°	100.2	86.6	72.8	62.0	50.7	40.0	31.0	22.4	15.7	8.9	5.7
7.5°	103.3	89.9	75.7	65.2	53.4	42.0	32.5	23.5	16.8	9.8	6.0
5°	105.9	92.7	78.2	67.2	56.0	44.2	33.7	24.5	17.8	10.7	6.3
2.5°	108.0	95.2	80.3	68.7	58.3	46.2	34.8	25.3	18.6	11.5	6.6
0°	109.5	97.2	82.1	69.8	60.2	47.9	35.6	26.0	19.2	12.3	6.8
-2.5°	110.5	97.5	84.0	71.1	61.3	49.3	37.3	26.9	19.7	13.0	7.2
-5°	110.9	97.4	85.4	72.1	62.2	50.5	38.6	27.6	20.1	13.6	7.6
-7.5°	111.5	97.9	86.2	72.8	62.7	51.4	39.7	28.1	20.4	14.1	7.9
-10°	111.7	98.4	86.4	73.8	63.2	52.0	40.4	28.5	20.6	14.5	8.3
-12.5°	111.4	98.3	86.3	74.3	63.4	52.4	40.7	29.0	20.8	14.7	8.5
-15°	110.5	97.7	86.1	74.4	63.4	52.5	40.9	29.5	21.2	14.7	8.7
-17.5°	109.2	96.6	85.8	74.0	63.1	52.4	40.7	29.7	21.4	14.6	8.9
-20°	107.8	95.6	85.3	73.0	62.6	52.1	40.4	29.7	21.4	14.4	9.1

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REPORT NUMBER: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	106.0	94.6	83.8	72.0	62.0	51.6	39.8	29.3	21.2	14.1	9.2
-25°	103.8	93.1	82.1	71.2	61.1	50.7	39.2	28.7	20.7	13.7	9.2
-27.5°	101.5	91.1	80.3	70.1	59.9	49.5	38.3	28.1	20.0	13.1	9.2
-30°	98.9	88.9	78.6	68.7	58.2	47.8	37.0	27.1	19.3	12.8	9.1
-32.5°	96.1	86.6	76.8	66.5	56.1	46.0	35.4	25.9	18.4	12.7	9.0
-35°	93.2	84.0	74.6	63.7	53.9	44.0	33.8	24.2	17.4	12.4	8.9
-37.5°	89.8	80.9	71.1	60.8	51.5	41.8	32.3	23.3	16.3	12.0	8.7
-40°	85.9	77.1	67.1	58.0	49.0	39.5	30.7	22.4	15.6	11.6	8.5
-42.5°	81.6	72.8	63.9	55.2	46.3	37.6	29.0	21.4	15.3	11.2	8.3
-45°	77.2	68.9	60.8	52.3	43.7	35.5	27.5	20.2	14.8	10.9	8.0
-47.5°	73.1	65.6	57.5	49.2	41.3	33.4	25.9	19.4	14.2	10.5	7.8
-50°	69.6	62.0	53.9	46.0	38.6	31.3	24.1	18.4	13.7	10.2	7.4
-52.5°	65.6	57.9	50.0	42.4	35.7	28.9	22.7	17.2	12.9	9.6	7.0
-55°	60.7	53.1	45.6	38.9	32.6	26.7	21.0	16.0	12.0	9.0	6.5
-57.5°	55.1	47.7	41.5	35.5	29.6	24.2	19.1	14.5	11.1	8.4	6.0
-60°	49.3	43.4	37.7	31.8	26.4	21.5	16.9	13.0	10.2	7.6	5.4
-62.5°	44.2	38.7	33.2	27.8	23.1	18.7	14.7	11.8	9.2	6.9	4.8
-65°	38.4	33.3	28.3	23.9	19.7	16.0	13.1	10.5	8.1	6.0	4.2
-67.5°	32.3	28.1	23.9	19.9	16.8	14.1	11.5	9.1	7.0	5.1	3.9
-70°	27.3	23.4	20.0	17.1	14.5	12.1	9.8	7.7	5.8	4.6	3.5
-72.5°	22.5	19.5	16.8	14.4	12.1	10.0	8.0	6.3	5.1	4.0	3.1
-75°	18.0	15.8	13.7	11.6	9.6	7.9	6.6	5.3	4.3	3.4	2.7
-77.5°	14.4	12.5	10.5	9.0	7.8	6.6	5.4	4.3	3.5	2.9	2.3
-80°	11.1	9.7	8.5	7.5	6.4	5.3	4.4	3.6	3.1	2.5	2.0
-82.5°	7.9	7.2	6.6	6.0	5.1	4.4	3.7	3.0	2.6	2.1	1.5
-85°	5.4	5.1	4.8	4.5	3.9	3.4	2.8	2.3	1.8	1.4	1.0
-87.5°	2.8	2.6	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.7	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: P626778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
70°	0.2	0.3	0.3	0.0	0.1	0.3	0.0
67.5°	0.5	0.4	0.4	0.2	0.1	0.3	0.0
65°	0.8	0.6	0.6	0.3	0.1	0.3	0.0
62.5°	1.1	0.8	0.7	0.4	0.1	0.4	0.0
60°	1.4	1.0	0.9	0.6	0.2	0.4	0.0
57.5°	1.4	1.1	1.0	0.7	0.3	0.4	0.0
55°	1.4	1.3	1.1	0.9	0.4	0.5	0.0
52.5°	1.4	1.4	1.2	1.0	0.5	0.5	0.0
50°	1.4	1.4	1.2	1.2	0.6	0.6	0.0
47.5°	1.4	1.4	1.3	1.3	0.7	0.6	0.0
45°	1.4	1.4	1.3	1.4	0.8	0.6	0.0
42.5°	1.4	1.4	1.4	1.4	0.9	0.7	0.0
40°	1.4	1.4	1.4	1.4	1.0	0.7	0.0
37.5°	1.4	1.4	1.4	1.4	1.0	0.8	0.0
35°	1.4	1.4	1.4	1.4	1.1	0.8	0.0
32.5°	1.4	1.4	1.4	1.4	1.2	0.9	0.0
30°	1.6	1.4	1.4	1.4	1.2	0.9	0.0
27.5°	1.7	1.4	1.4	1.4	1.3	1.0	0.0
25°	1.9	1.4	1.4	1.4	1.3	1.0	0.0
22.5°	2.0	1.4	1.4	1.4	1.3	1.0	0.0
20°	2.2	1.5	1.4	1.4	1.3	1.1	0.0
17.5°	2.4	1.6	1.4	1.4	1.4	1.1	0.0
15°	2.7	1.8	1.4	1.4	1.4	1.2	0.0
12.5°	3.0	1.9	1.4	1.4	1.4	1.2	0.0
10°	3.2	2.1	1.4	1.4	1.4	1.3	0.0
7.5°	3.5	2.2	1.4	1.4	1.4	1.3	0.0
5°	3.7	2.4	1.4	1.4	1.4	1.3	0.0
2.5°	3.9	2.6	1.4	1.4	1.4	1.4	0.0
0°	4.1	2.7	1.4	1.4	1.4	1.4	0.0
-2.5°	4.5	2.8	1.5	1.4	1.4	1.4	0.0
-5°	4.8	3.0	1.6	1.4	1.4	1.4	0.0
-7.5°	5.1	3.1	1.7	1.4	1.4	1.4	0.0
-10°	5.3	3.2	1.8	1.4	1.4	1.4	0.0
-12.5°	5.6	3.3	1.9	1.4	1.4	1.4	0.0
-15°	5.7	3.4	2.0	1.4	1.4	1.4	0.0
-17.5°	5.9	3.4	2.0	1.4	1.4	1.3	0.0
-20°	5.9	3.5	2.1	1.4	1.4	1.3	0.0

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CATALOG NUMBER: GFLD-SA1E-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.0	3.5	2.1	1.4	1.4	1.3	0.0
-25°	6.1	3.6	2.1	1.4	1.4	1.3	0.0
-27.5°	6.1	3.7	2.1	1.4	1.4	1.2	0.0
-30°	6.0	3.8	2.0	1.4	1.4	1.2	0.0
-32.5°	6.0	3.8	2.0	1.4	1.4	1.2	0.0
-35°	6.0	3.8	2.0	1.4	1.4	1.1	0.0
-37.5°	5.9	3.7	1.9	1.4	1.4	1.1	0.0
-40°	5.8	3.7	1.9	1.4	1.4	1.1	0.0
-42.5°	5.7	3.6	1.9	1.4	1.4	1.0	0.0
-45°	5.5	3.4	1.9	1.4	1.4	1.0	0.0
-47.5°	5.3	3.2	1.9	1.5	1.4	0.9	0.0
-50°	5.0	3.0	2.0	1.5	1.4	0.9	0.0
-52.5°	4.7	2.8	2.0	1.5	1.4	0.9	0.0
-55°	4.4	2.7	1.9	1.5	1.4	0.8	0.0
-57.5°	4.0	2.7	1.9	1.5	1.4	0.8	0.0
-60°	3.5	2.6	1.9	1.5	1.4	0.7	0.0
-62.5°	3.4	2.4	1.8	1.5	1.3	0.6	0.0
-65°	3.1	2.3	1.8	1.5	1.2	0.6	0.0
-67.5°	2.9	2.2	1.7	1.4	1.1	0.5	0.0
-70°	2.6	2.0	1.6	1.4	1.0	0.5	0.0
-72.5°	2.4	1.8	1.5	1.3	0.8	0.4	0.0
-75°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-77.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	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)