

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: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626578 (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-SA1A-750-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2889.9 lumens
Efficiency: N/A
Efficacy: 159.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 29294.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 922.6 lumens
Beam Efficiency: 31.9%

Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 2054.9 lumens
Field Efficiency: 71.1%

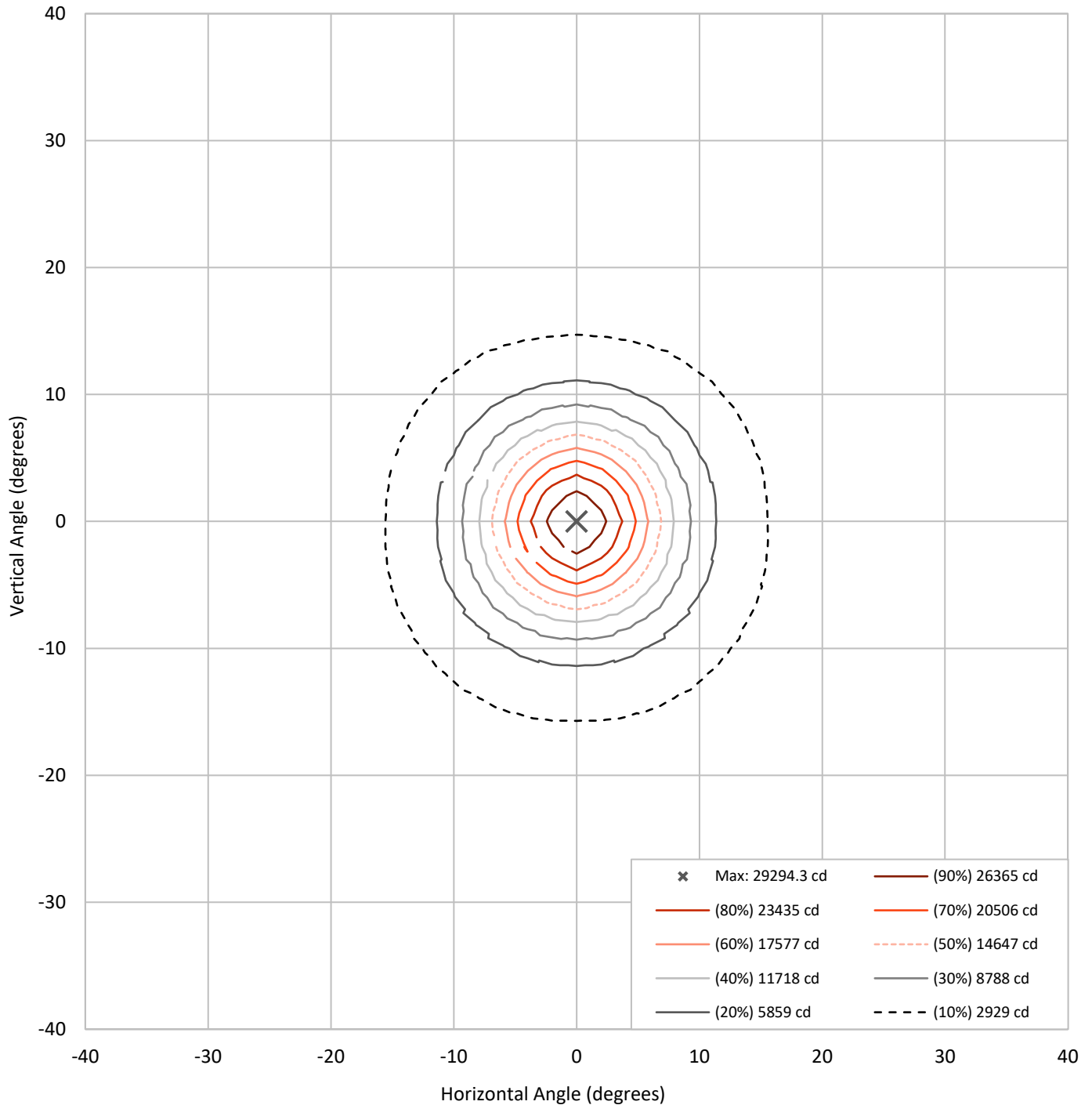
Input Watts (W): 18.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

Iso-Candela Plot





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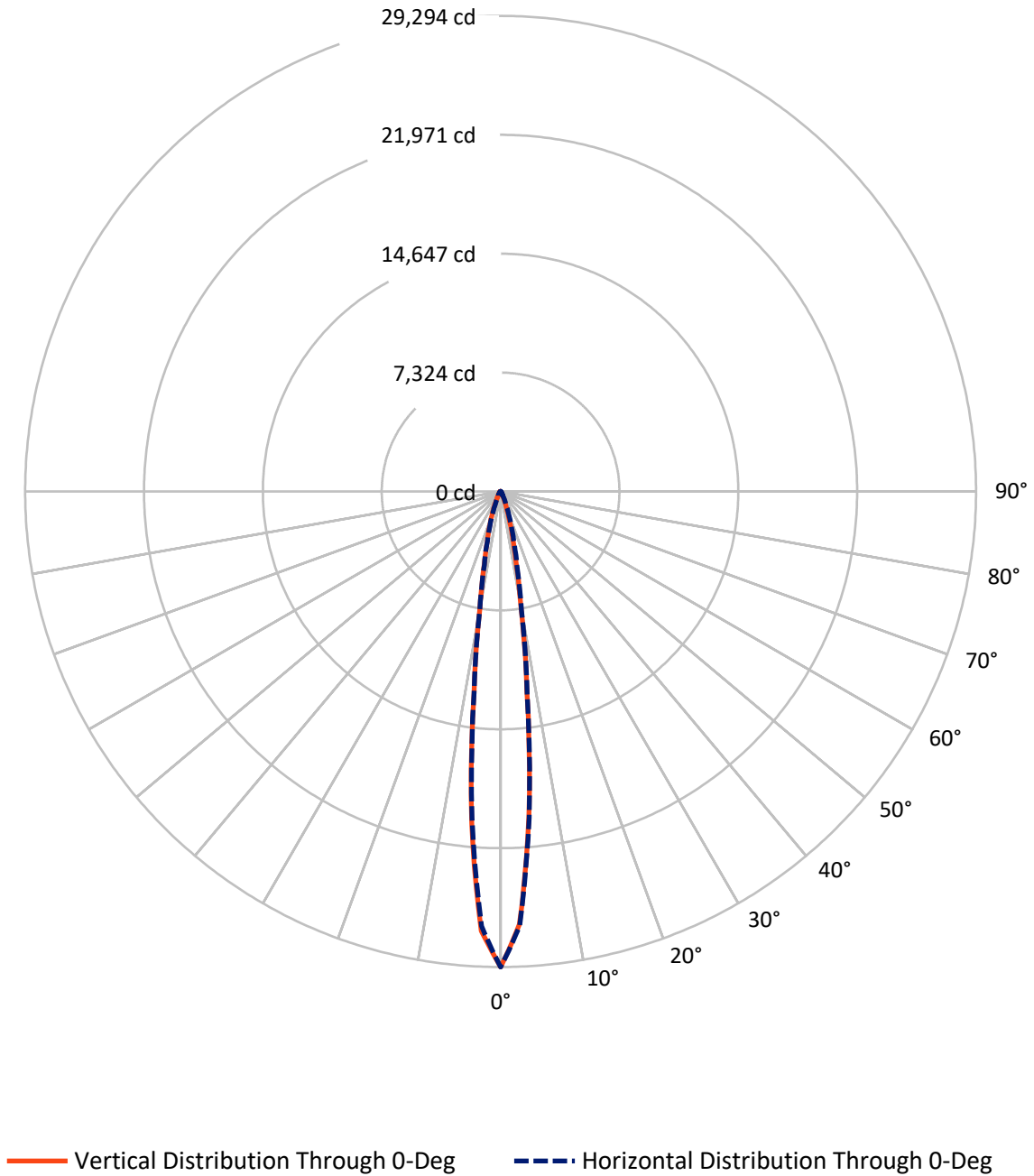
CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

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	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0		
50	0.0	0.0	0.1	0.3	0.5	0.7	1.0	1.2	1.2	1.0	0.7	0.5	0.3	0.1	0.0	0.0	
40		0.0	0.2	0.5	0.9	1.4	2.4	3.0	3.0	2.4	1.4	0.9	0.5	0.2	0.0		
30	0.0	0.1	0.3	0.7	1.4	2.9	7.8	13.0	13.0	7.8	2.9	1.4	0.7	0.3	0.1	0.0	
20		0.1	0.4	1.0	2.2	8.8	37.0	81.4	81.4	37.0	8.8	2.2	1.0	0.4	0.1		
10	0.0	0.2	0.5	1.2	3.0	16.5	88.8	398.1	398.1	88.8	16.5	3.0	1.2	0.5	0.2	0.0	
0		0.2	0.6	1.3	3.3	17.6	91.9	404.9	404.9	91.9	17.6	3.3	1.3	0.6	0.2		
-10	0.1	0.2	0.6	1.3	2.9	11.2	44.6	95.4	95.4	44.6	11.2	2.9	1.3	0.6	0.2	0.1	
-20		0.2	0.6	1.2	2.2	5.2	13.7	22.9	22.9	13.7	5.2	2.2	1.2	0.6	0.2		
-30	0.1	0.2	0.5	1.0	1.7	2.9	4.7	5.9	5.9	4.7	2.9	1.7	1.0	0.5	0.2	0.1	
-40		0.1	0.4	0.8	1.4	2.0	2.7	3.0	3.0	2.7	2.0	1.4	0.8	0.4	0.1		
-50	0.0	0.1	0.3	0.7	1.1	1.5	1.9	2.1	2.1	1.9	1.5	1.1	0.7	0.3	0.1	0.0	
-60		0.1	0.2	0.4	0.7	1.1	1.4	1.5	1.5	1.4	1.1	0.7	0.4	0.2	0.1		
-70	0.0	0.1	0.3	0.7	1.1	1.5	1.9	2.1	2.1	1.9	1.5	1.1	0.7	0.3	0.1	0.0	
-80		0.1	0.2	0.4	0.7	1.1	1.4	1.5	1.5	1.4	1.1	0.7	0.4	0.2	0.1		
-90	0.0	0.2	0.7	1.6	2.0	1.6	0.7	0.2	0.0								

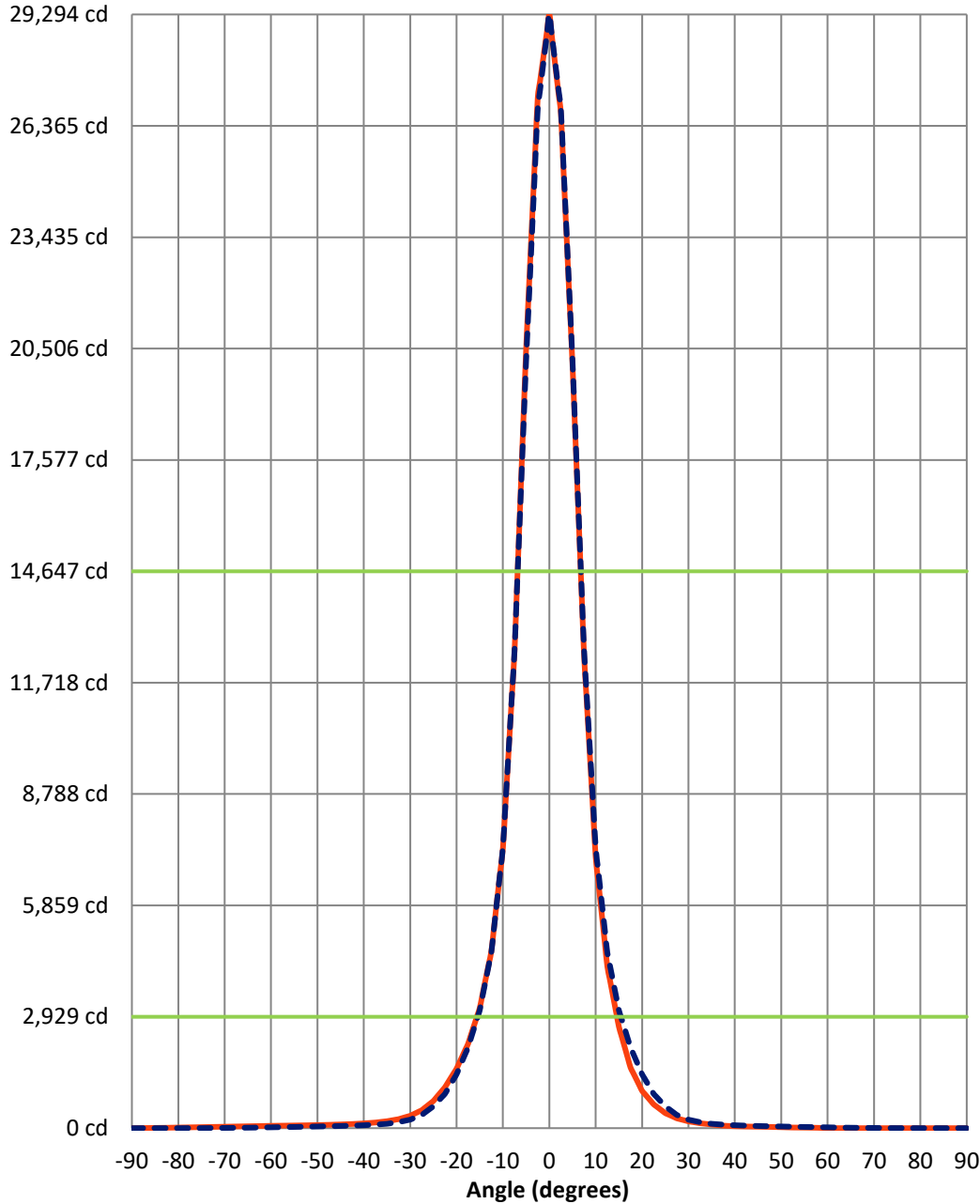
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 922.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 2054.9
 Efficiency: 71.1%

Spill:
 Lumens: 835
 Efficiency: 28.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1
70°	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.1
67.5°	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.3	0.4	0.2	0.1
65°	0.0	0.1	0.0	0.1	0.2	0.3	0.3	0.5	0.4	0.3	0.2
62.5°	0.0	0.2	0.1	0.2	0.3	0.3	0.5	0.6	0.4	0.3	0.4
60°	0.0	0.2	0.1	0.3	0.4	0.4	0.6	0.6	0.5	0.4	0.5
57.5°	0.0	0.2	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.5	0.6
55°	0.0	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
52.5°	0.0	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
50°	0.0	0.2	0.3	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7
47.5°	0.0	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8
45°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.7	1.0
42.5°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.3
40°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.7	0.8	1.1	1.8
37.5°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.7	1.0	1.4	2.2
35°	0.0	0.4	0.5	0.6	0.6	0.6	0.6	0.8	1.2	1.8	2.7
32.5°	0.0	0.4	0.5	0.6	0.6	0.6	0.6	0.9	1.5	2.2	3.3
30°	0.0	0.4	0.5	0.6	0.6	0.6	0.7	1.0	1.7	2.6	4.0
27.5°	0.0	0.4	0.5	0.6	0.6	0.6	0.7	1.2	2.0	2.9	4.7
25°	0.0	0.4	0.6	0.6	0.6	0.6	0.8	1.4	2.3	3.4	5.5
22.5°	0.0	0.4	0.6	0.6	0.6	0.6	0.9	1.6	2.6	4.0	6.5
20°	0.0	0.5	0.6	0.6	0.6	0.7	1.0	1.8	2.8	4.7	7.4
17.5°	0.0	0.5	0.6	0.6	0.6	0.7	1.1	2.0	3.1	5.3	8.2
15°	0.0	0.5	0.6	0.6	0.6	0.8	1.2	2.2	3.3	5.9	8.9
12.5°	0.0	0.5	0.6	0.6	0.6	0.8	1.3	2.4	3.6	6.5	9.5
10°	0.0	0.5	0.6	0.6	0.6	0.9	1.5	2.6	4.0	7.1	10.1
7.5°	0.0	0.6	0.6	0.6	0.6	1.0	1.6	2.7	4.4	7.6	10.6
5°	0.0	0.6	0.6	0.6	0.6	1.1	1.7	2.9	4.8	8.0	11.1
2.5°	0.0	0.6	0.6	0.6	0.6	1.1	1.8	3.0	5.2	8.4	11.5
0°	0.0	0.6	0.6	0.6	0.6	1.2	1.9	3.1	5.6	8.7	11.8
-2.5°	0.0	0.6	0.6	0.6	0.7	1.3	2.1	3.3	5.9	8.9	12.2
-5°	0.0	0.6	0.6	0.6	0.7	1.3	2.2	3.4	6.2	9.1	12.5
-7.5°	0.0	0.6	0.6	0.6	0.8	1.4	2.3	3.6	6.4	9.2	12.7
-10°	0.0	0.6	0.6	0.6	0.8	1.5	2.4	3.7	6.5	9.3	12.9
-12.5°	0.0	0.6	0.6	0.6	0.8	1.5	2.5	3.8	6.6	9.4	13.1
-15°	0.0	0.6	0.6	0.6	0.9	1.5	2.6	3.9	6.6	9.6	13.3
-17.5°	0.0	0.6	0.6	0.6	0.9	1.6	2.7	4.0	6.6	9.7	13.5
-20°	0.0	0.6	0.6	0.6	0.9	1.6	2.7	4.1	6.5	9.7	13.4

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REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	0.6	0.6	0.9	1.6	2.8	4.2	6.3	9.6	13.3
-25°	0.0	0.5	0.6	0.6	0.9	1.6	2.8	4.2	6.2	9.3	13.0
-27.5°	0.0	0.5	0.6	0.6	0.9	1.7	2.8	4.2	5.9	9.0	12.7
-30°	0.0	0.5	0.6	0.6	0.9	1.7	2.8	4.1	5.8	8.7	12.3
-32.5°	0.0	0.5	0.6	0.6	0.9	1.7	2.7	4.1	5.7	8.3	11.7
-35°	0.0	0.5	0.6	0.6	0.9	1.7	2.7	4.0	5.6	7.8	10.9
-37.5°	0.0	0.5	0.6	0.6	0.9	1.7	2.7	4.0	5.5	7.4	10.5
-40°	0.0	0.5	0.6	0.6	0.8	1.6	2.6	3.9	5.3	7.0	10.1
-42.5°	0.0	0.4	0.6	0.6	0.8	1.6	2.6	3.7	5.1	6.9	9.6
-45°	0.0	0.4	0.6	0.6	0.8	1.5	2.5	3.6	4.9	6.7	9.1
-47.5°	0.0	0.4	0.6	0.6	0.9	1.5	2.4	3.5	4.8	6.4	8.8
-50°	0.0	0.4	0.6	0.6	0.9	1.4	2.3	3.3	4.6	6.2	8.3
-52.5°	0.0	0.4	0.6	0.6	0.9	1.3	2.1	3.2	4.3	5.8	7.8
-55°	0.0	0.3	0.6	0.6	0.9	1.2	2.0	3.0	4.1	5.4	7.2
-57.5°	0.0	0.3	0.6	0.6	0.8	1.2	1.8	2.7	3.8	5.0	6.5
-60°	0.0	0.3	0.6	0.6	0.8	1.2	1.6	2.5	3.5	4.6	5.9
-62.5°	0.0	0.3	0.6	0.6	0.8	1.1	1.5	2.2	3.1	4.2	5.3
-65°	0.0	0.3	0.5	0.6	0.8	1.0	1.4	2.0	2.8	3.7	4.8
-67.5°	0.0	0.2	0.5	0.6	0.7	1.0	1.3	1.8	2.3	3.2	4.2
-70°	0.0	0.2	0.4	0.6	0.7	0.9	1.2	1.6	2.1	2.7	3.5
-72.5°	0.0	0.2	0.4	0.5	0.7	0.8	1.0	1.4	1.8	2.3	2.9
-75°	0.0	0.2	0.3	0.5	0.6	0.7	0.9	1.2	1.5	2.0	2.4
-77.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.0	1.3	1.6	2.0
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.1	1.4	1.7
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.4
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.0
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.4	0.3	0.2	0.0	0.1	0.2	0.2	0.0	0.0	0.0
62.5°	0.6	0.5	0.3	0.2	0.3	0.5	0.4	0.2	0.1	0.3	0.4
60°	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.6	0.9	1.1	1.4
57.5°	0.6	0.6	0.5	0.6	0.7	0.7	1.1	1.5	2.0	2.5	2.9
55°	0.6	0.6	0.7	0.8	1.0	1.5	2.0	2.8	3.5	4.5	5.4
52.5°	0.7	0.7	0.9	1.2	1.9	2.6	3.5	4.7	6.0	7.0	8.1
50°	0.8	1.0	1.3	2.1	3.0	4.0	5.6	7.3	8.5	9.6	11.1
47.5°	1.1	1.4	2.2	3.1	4.3	6.0	8.2	9.5	10.6	12.3	14.2
45°	1.5	2.1	3.1	4.4	6.0	8.4	10.1	11.2	13.1	15.1	17.2
42.5°	1.9	2.9	4.2	5.6	8.2	10.5	12.0	13.6	15.6	17.9	20.2
40°	2.6	3.7	5.5	7.6	10.2	12.5	14.4	16.3	18.1	21.2	23.7
37.5°	3.3	4.9	6.9	9.5	12.3	14.8	16.9	19.2	21.9	25.4	27.6
35°	3.9	6.2	8.6	11.4	14.4	17.1	19.7	22.4	25.9	29.2	31.9
32.5°	4.8	7.5	10.2	13.2	16.2	19.3	22.5	25.7	29.2	32.6	36.1
30°	6.0	8.8	11.7	15.0	18.0	21.6	25.3	28.6	32.1	35.7	39.7
27.5°	7.2	10.1	13.2	16.5	19.6	23.8	27.7	31.3	34.9	38.7	43.2
25°	8.3	11.4	14.6	17.8	21.6	26.0	30.3	34.5	37.5	41.8	47.1
22.5°	9.4	12.6	16.1	19.1	23.4	28.2	33.3	37.7	41.3	45.2	51.2
20°	10.4	13.9	17.5	20.8	25.3	30.5	36.5	41.0	45.4	50.5	56.6
17.5°	11.4	15.1	18.9	22.8	27.6	32.9	39.7	44.4	49.6	55.7	63.4
15°	12.4	16.2	20.3	24.7	29.6	35.4	41.9	47.7	54.0	61.1	70.1
12.5°	13.2	17.2	21.6	26.5	31.4	37.5	43.8	49.9	57.2	66.4	77.8
10°	14.1	18.1	23.0	28.1	32.9	39.3	45.4	51.8	59.5	69.6	82.6
7.5°	14.7	19.0	24.2	29.5	34.3	40.7	46.8	53.4	61.5	72.2	85.9
5°	15.3	20.0	25.4	30.4	35.4	42.0	48.0	54.6	63.0	74.2	88.2
2.5°	15.7	20.9	26.4	31.1	36.4	43.1	48.9	55.9	64.5	75.8	90.4
0°	16.1	21.7	27.3	31.6	37.2	44.0	49.6	57.0	65.7	76.9	92.4
-2.5°	16.9	22.4	27.8	32.2	38.1	44.1	50.0	57.2	66.2	77.7	92.8
-5°	17.5	22.9	28.2	32.7	38.7	44.1	50.2	57.1	66.4	78.1	93.4
-7.5°	18.0	23.3	28.4	33.0	39.1	44.3	50.5	57.5	66.9	78.6	94.3
-10°	18.3	23.6	28.6	33.5	39.1	44.6	50.6	57.6	66.8	78.3	93.9
-12.5°	18.4	23.7	28.7	33.7	39.1	44.5	50.5	57.3	66.1	77.4	91.9
-15°	18.5	23.8	28.7	33.7	39.0	44.3	50.1	56.7	64.8	75.7	88.9
-17.5°	18.4	23.7	28.6	33.5	38.9	43.8	49.5	55.8	63.6	73.7	86.5
-20°	18.3	23.6	28.4	33.1	38.7	43.3	48.9	55.0	62.3	71.5	82.9



REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	18.0	23.4	28.0	32.6	38.0	42.9	48.1	53.9	60.4	68.7	78.9
-25°	17.7	23.0	27.7	32.3	37.2	42.2	47.1	52.6	58.6	66.6	75.7
-27.5°	17.3	22.4	27.1	31.8	36.4	41.3	46.0	51.3	57.2	64.2	72.4
-30°	16.8	21.6	26.4	31.1	35.7	40.3	44.8	49.8	55.4	62.0	69.6
-32.5°	16.1	20.8	25.4	30.1	34.8	39.3	43.5	48.3	53.6	59.4	66.6
-35°	15.3	19.9	24.4	28.8	33.8	38.1	42.3	46.6	51.5	56.9	62.7
-37.5°	14.6	19.0	23.3	27.5	32.2	36.7	40.7	44.9	49.4	54.3	59.6
-40°	13.9	17.9	22.2	26.3	30.4	34.9	38.9	43.0	47.2	52.2	56.8
-42.5°	13.1	17.0	21.0	25.0	28.9	33.0	37.0	40.9	45.3	50.0	54.6
-45°	12.4	16.1	19.8	23.7	27.6	31.2	35.0	38.6	43.1	47.8	52.3
-47.5°	11.7	15.1	18.7	22.3	26.1	29.7	33.1	36.8	40.6	45.0	49.7
-50°	10.9	14.2	17.5	20.8	24.4	28.1	31.5	34.9	38.5	42.1	46.2
-52.5°	10.3	13.1	16.2	19.2	22.6	26.2	29.7	33.1	36.4	39.8	43.3
-55°	9.5	12.1	14.8	17.7	20.6	24.0	27.5	30.8	34.2	37.4	40.8
-57.5°	8.6	11.0	13.4	16.1	18.8	21.6	25.0	28.2	31.4	34.7	38.2
-60°	7.6	9.7	11.9	14.4	17.1	19.7	22.4	25.4	28.5	31.5	34.8
-62.5°	6.6	8.4	10.4	12.6	15.0	17.6	20.1	22.6	25.4	28.0	30.9
-65°	6.0	7.2	8.9	10.8	12.8	15.1	17.4	19.8	22.3	24.5	26.7
-67.5°	5.3	6.4	7.6	9.0	10.8	12.7	14.6	16.8	18.9	21.0	23.1
-70°	4.5	5.5	6.6	7.8	9.0	10.6	12.3	14.1	15.7	17.5	19.4
-72.5°	3.7	4.5	5.5	6.5	7.6	8.8	10.2	11.7	13.2	14.6	16.1
-75°	3.0	3.6	4.3	5.2	6.2	7.1	8.1	9.3	10.6	11.8	13.1
-77.5°	2.5	3.0	3.5	4.0	4.7	5.6	6.5	7.4	8.3	9.2	10.3
-80°	2.0	2.4	2.9	3.4	3.9	4.4	5.0	5.7	6.3	6.9	7.6
-82.5°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	4.0	4.4	4.8	5.2
-85°	1.3	1.5	1.8	2.1	2.2	2.3	2.5	2.6	2.9	3.1	3.4
-87.5°	0.6	0.8	0.9	1.1	1.2	1.2	1.3	1.3	1.5	1.7	1.9
-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: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0
62.5°	0.4	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.5
60°	1.5	1.4	2.0	2.3	2.1	1.4	2.3	2.7	2.6	2.3	2.3
57.5°	3.6	4.4	5.0	5.2	6.1	7.4	7.7	7.2	7.0	7.2	8.3
55°	6.3	6.9	7.2	8.4	9.4	10.1	10.5	11.0	11.6	12.4	13.2
52.5°	8.9	9.8	10.5	11.5	12.7	13.1	12.9	14.5	15.7	16.5	16.8
50°	12.3	13.4	14.9	16.5	17.1	17.8	18.5	19.8	21.6	23.9	25.2
47.5°	15.9	17.6	19.2	21.0	21.9	22.6	23.6	25.8	28.4	30.9	32.2
45°	19.1	20.6	22.4	24.0	25.1	26.5	28.0	30.0	32.9	35.5	37.3
42.5°	21.7	23.4	25.2	27.1	28.3	30.1	32.5	35.2	38.3	40.9	42.9
40°	25.3	26.7	29.8	31.6	32.0	33.8	38.4	42.1	45.5	48.8	50.5
37.5°	29.7	32.5	35.7	37.3	38.9	41.9	48.1	54.1	58.5	63.0	65.4
35°	34.7	38.4	42.7	44.6	48.0	54.7	61.9	70.3	80.6	84.9	88.8
32.5°	39.5	43.7	47.7	52.0	58.0	65.9	74.1	87.6	100.1	109.8	116.9
30°	43.8	48.2	53.2	58.7	67.2	78.1	91.9	109.2	126.9	142.3	155.4
27.5°	48.1	53.1	59.0	67.2	79.1	94.0	115.9	140.6	170.2	191.9	217.8
25°	52.7	58.5	66.0	78.0	94.0	116.2	151.2	191.5	239.9	279.1	320.1
22.5°	58.3	66.7	76.2	89.6	117.6	154.2	202.0	270.9	345.3	414.1	480.4
20°	64.9	76.5	91.8	116.4	152.3	206.4	289.5	399.4	508.8	625.4	737.6
17.5°	74.4	91.2	114.9	149.9	197.2	304.2	439.1	608.9	827.1	1024.8	1197.5
15°	83.4	103.4	140.8	193.1	275.7	417.5	622.3	902.7	1242.7	1552.6	1879.9
12.5°	92.8	116.3	159.3	226.0	340.8	525.3	813.2	1197.4	1623.1	2090.1	2622.2
10°	100.2	128.8	180.3	264.7	406.3	636.1	979.1	1444.9	2010.6	2701.9	3552.4
7.5°	105.2	138.8	197.6	293.1	466.6	749.4	1162.3	1722.1	2429.5	3345.2	4535.2
5°	109.1	146.4	210.5	319.0	517.6	835.9	1298.0	1964.9	2801.7	4028.6	6045.3
2.5°	112.2	152.2	218.6	336.9	549.6	896.1	1389.0	2102.3	3023.3	4533.8	7150.3
0°	114.7	157.5	223.8	347.9	574.2	902.2	1417.5	2127.4	3102.8	4625.1	7388.1
-2.5°	115.8	160.3	225.6	350.3	571.7	912.6	1426.1	2147.5	3099.8	4575.1	7122.5
-5°	117.5	160.3	224.3	347.8	558.9	885.8	1369.5	2035.2	2912.8	4181.6	6268.7
-7.5°	118.7	157.7	217.8	332.0	525.4	828.0	1270.0	1849.0	2572.4	3535.8	4828.4
-10°	117.6	152.8	207.0	305.6	473.2	735.3	1118.7	1603.2	2204.5	2918.5	3796.7
-12.5°	113.2	143.8	189.3	268.5	405.6	631.4	966.4	1379.0	1824.0	2325.4	2932.3
-15°	107.6	134.0	173.4	243.2	355.5	528.5	773.0	1107.7	1464.7	1845.4	2251.4
-17.5°	103.2	125.4	158.1	208.6	291.2	428.8	620.9	858.7	1121.0	1410.8	1651.4
-20°	97.3	114.9	142.3	183.5	246.6	337.7	477.7	650.4	823.5	1027.3	1193.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	91.4	106.7	127.6	157.7	204.6	273.5	360.0	475.3	601.9	718.9	834.0
-25°	85.9	97.7	114.6	139.3	171.2	218.1	279.6	345.8	429.3	500.5	579.6
-27.5°	81.5	91.6	104.0	122.2	146.9	177.1	221.2	265.5	309.4	345.4	399.8
-30°	77.2	85.3	95.7	108.7	127.2	150.5	179.1	207.9	233.2	256.3	284.6
-32.5°	73.0	79.6	87.6	98.3	111.6	129.2	146.8	167.4	184.9	201.2	216.2
-35°	68.8	74.7	80.8	89.8	100.4	112.9	125.7	139.6	151.8	162.7	172.4
-37.5°	64.9	70.1	75.8	82.6	91.1	100.5	111.0	121.1	129.2	136.3	142.2
-40°	61.7	66.4	71.3	76.7	83.2	90.6	99.5	107.9	113.6	117.9	121.5
-42.5°	58.9	63.0	67.2	71.8	76.8	83.1	90.1	97.1	101.0	104.3	106.9
-45°	56.6	59.7	63.3	67.2	71.6	76.9	82.4	87.3	90.7	93.6	95.7
-47.5°	53.5	56.6	59.6	62.9	67.0	71.4	76.0	79.7	82.6	85.2	86.8
-50°	50.2	53.4	56.2	59.0	62.8	66.6	70.3	73.3	76.1	78.6	79.9
-52.5°	46.7	50.1	53.1	55.9	59.0	62.3	65.6	68.3	70.7	73.1	74.0
-55°	44.2	47.4	50.4	53.0	55.6	58.3	60.9	63.7	66.1	68.4	69.0
-57.5°	41.5	44.7	47.7	50.1	52.4	54.8	57.3	59.7	62.1	64.2	64.7
-60°	38.2	41.7	44.4	46.6	48.9	51.3	53.4	55.6	57.8	59.6	60.2
-62.5°	34.0	37.2	39.9	42.2	44.4	46.5	48.5	50.6	52.6	54.0	54.5
-65°	29.0	31.7	34.4	36.9	39.1	41.0	43.0	44.8	46.6	47.9	48.5
-67.5°	25.0	27.0	29.1	31.3	33.5	35.5	37.3	38.9	40.4	41.5	42.2
-70°	21.2	23.1	25.1	27.1	29.0	30.7	32.1	33.4	34.7	35.7	36.4
-72.5°	17.6	19.1	20.8	22.6	24.3	25.8	27.1	28.3	29.5	30.3	30.9
-75°	14.3	15.6	17.0	18.4	19.8	21.0	22.1	23.1	24.1	24.9	25.5
-77.5°	11.4	12.4	13.5	14.7	15.8	16.6	17.4	18.2	18.9	19.5	20.0
-80°	8.4	9.2	10.1	11.0	11.9	12.6	13.2	13.7	14.3	14.6	14.9
-82.5°	5.7	6.3	6.9	7.6	8.2	8.7	9.2	9.6	10.0	10.2	10.3
-85°	3.6	3.9	4.3	4.6	5.0	5.3	5.5	5.8	6.0	6.2	6.4
-87.5°	2.0	2.1	2.2	2.2	2.3	2.4	2.6	2.8	3.0	3.0	3.1
-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: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
62.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.5	0.5
60°	2.1	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.3	2.6	2.7
57.5°	9.5	10.5	10.8	10.5	10.8	10.5	9.5	8.3	7.2	7.0	7.2
55°	13.8	14.1	14.2	14.3	14.2	14.1	13.8	13.2	12.4	11.6	11.0
52.5°	16.8	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.5	15.7	14.5
50°	25.3	24.8	24.7	24.8	24.7	24.8	25.3	25.2	23.9	21.6	19.8
47.5°	32.3	32.5	32.7	32.9	32.7	32.5	32.3	32.2	30.9	28.4	25.8
45°	37.8	38.1	38.3	38.4	38.3	38.1	37.8	37.3	35.5	32.9	30.0
42.5°	43.3	43.4	43.3	43.4	43.3	43.4	43.3	42.9	40.9	38.3	35.2
40°	51.1	51.3	51.1	50.8	51.1	51.3	51.1	50.5	48.8	45.5	42.1
37.5°	66.8	67.1	66.3	65.7	66.3	67.1	66.8	65.4	63.0	58.5	54.1
35°	92.4	95.1	96.4	96.7	96.4	95.1	92.4	88.8	84.9	80.6	70.3
32.5°	121.8	125.5	127.4	129.0	127.4	125.5	121.8	116.9	109.8	100.1	87.6
30°	163.9	170.7	173.7	178.0	173.7	170.7	163.9	155.4	142.3	126.9	109.2
27.5°	232.6	244.5	251.2	257.3	251.2	244.5	232.6	217.8	191.9	170.2	140.6
25°	350.0	373.0	387.9	395.0	387.9	373.0	350.0	320.1	279.1	239.9	191.5
22.5°	544.5	586.9	619.7	626.3	619.7	586.9	544.5	480.4	414.1	345.3	270.9
20°	846.5	907.2	956.7	981.6	956.7	907.2	846.5	737.6	625.4	508.8	399.4
17.5°	1403.1	1529.5	1587.2	1596.7	1587.2	1529.5	1403.1	1197.5	1024.8	827.1	608.9
15°	2231.2	2445.0	2580.8	2668.1	2580.8	2445.0	2231.2	1879.9	1552.6	1242.7	902.7
12.5°	3175.9	3783.5	4129.3	4261.1	4129.3	3783.5	3175.9	2622.2	2090.1	1623.1	1197.4
10°	4458.3	5888.6	6713.7	7128.9	6713.7	5888.6	4458.3	3552.4	2701.9	2010.6	1444.9
7.5°	6634.6	8843.8	11291.5	12424.0	11291.5	8843.8	6634.6	4535.2	3345.2	2429.5	1722.1
5°	8922.5	13773.0	18030.4	20069.0	18030.4	13773.0	8922.5	6045.3	4028.6	2801.7	1964.9
2.5°	11552.0	18093.4	24141.4	26684.5	24141.4	18093.4	11552.0	7150.3	4533.8	3023.3	2102.3
0°	12564.1	20183.7	26798.2	29294.3	26798.2	20183.7	12564.1	7388.1	4625.1	3102.8	2127.4
-2.5°	11708.5	18410.3	24245.4	27097.4	24245.4	18410.3	11708.5	7122.5	4575.1	3099.8	2147.5
-5°	9303.0	13848.9	18170.3	20494.4	18170.3	13848.9	9303.0	6268.7	4181.6	2912.8	2035.2
-7.5°	6827.8	9302.6	11702.5	12541.8	11702.5	9302.6	6827.8	4828.4	3535.8	2572.4	1849.0
-10°	4753.7	6170.8	7106.2	7373.2	7106.2	6170.8	4753.7	3796.7	2918.5	2204.5	1603.2
-12.5°	3524.4	4144.2	4575.5	4650.5	4575.5	4144.2	3524.4	2932.3	2325.4	1824.0	1379.0
-15°	2609.7	2924.9	3147.3	3162.3	3147.3	2924.9	2609.7	2251.4	1845.4	1464.7	1107.7
-17.5°	1907.7	2119.3	2231.5	2223.6	2231.5	2119.3	1907.7	1651.4	1410.8	1121.0	858.7
-20°	1364.1	1491.6	1582.1	1564.4	1582.1	1491.6	1364.1	1193.5	1027.3	823.5	650.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	951.2	1035.8	1088.8	1075.2	1088.8	1035.8	951.2	834.0	718.9	601.9	475.3
-25°	646.3	692.4	718.7	714.3	718.7	692.4	646.3	579.6	500.5	429.3	345.8
-27.5°	440.4	464.8	472.9	472.5	472.9	464.8	440.4	399.8	345.4	309.4	265.5
-30°	305.7	322.0	331.4	325.5	331.4	322.0	305.7	284.6	256.3	233.2	207.9
-32.5°	227.8	237.1	242.4	236.9	242.4	237.1	227.8	216.2	201.2	184.9	167.4
-35°	179.6	184.2	186.1	182.9	186.1	184.2	179.6	172.4	162.7	151.8	139.6
-37.5°	146.4	149.1	150.1	148.2	150.1	149.1	146.4	142.2	136.3	129.2	121.1
-40°	124.1	125.7	126.1	124.6	126.1	125.7	124.1	121.5	117.9	113.6	107.9
-42.5°	108.5	109.6	109.8	109.1	109.8	109.6	108.5	106.9	104.3	101.0	97.1
-45°	97.0	97.9	98.0	97.4	98.0	97.9	97.0	95.7	93.6	90.7	87.3
-47.5°	87.7	88.2	88.3	88.0	88.3	88.2	87.7	86.8	85.2	82.6	79.7
-50°	80.5	80.8	80.9	80.6	80.9	80.8	80.5	79.9	78.6	76.1	73.3
-52.5°	74.5	74.7	74.9	75.0	74.9	74.7	74.5	74.0	73.1	70.7	68.3
-55°	69.5	69.8	70.0	70.1	70.0	69.8	69.5	69.0	68.4	66.1	63.7
-57.5°	65.2	65.5	65.6	65.7	65.6	65.5	65.2	64.7	64.2	62.1	59.7
-60°	60.7	61.1	61.3	61.4	61.3	61.1	60.7	60.2	59.6	57.8	55.6
-62.5°	54.8	55.0	55.1	55.2	55.1	55.0	54.8	54.5	54.0	52.6	50.6
-65°	49.0	49.3	49.5	49.6	49.5	49.3	49.0	48.5	47.9	46.6	44.8
-67.5°	42.7	43.2	43.6	44.0	43.6	43.2	42.7	42.2	41.5	40.4	38.9
-70°	37.0	37.6	37.8	37.8	37.8	37.6	37.0	36.4	35.7	34.7	33.4
-72.5°	31.5	32.0	32.5	32.9	32.5	32.0	31.5	30.9	30.3	29.5	28.3
-75°	26.0	26.5	26.7	26.7	26.7	26.5	26.0	25.5	24.9	24.1	23.1
-77.5°	20.5	21.0	21.1	21.1	21.1	21.0	20.5	20.0	19.5	18.9	18.2
-80°	15.2	15.4	15.8	16.1	15.8	15.4	15.2	14.9	14.6	14.3	13.7
-82.5°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.3	10.2	10.0	9.6
-85°	6.6	6.8	6.8	6.8	6.8	6.8	6.6	6.4	6.2	6.0	5.8
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.8
-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: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
62.5°	0.6	0.7	0.7	0.6	0.5	0.3	0.4	0.4	0.3	0.1	0.2
60°	2.3	1.4	2.1	2.3	2.0	1.4	1.5	1.4	1.1	0.9	0.6
57.5°	7.7	7.4	6.1	5.2	5.0	4.4	3.6	2.9	2.5	2.0	1.5
55°	10.5	10.1	9.4	8.4	7.2	6.9	6.3	5.4	4.5	3.5	2.8
52.5°	12.9	13.1	12.7	11.5	10.5	9.8	8.9	8.1	7.0	6.0	4.7
50°	18.5	17.8	17.1	16.5	14.9	13.4	12.3	11.1	9.6	8.5	7.3
47.5°	23.6	22.6	21.9	21.0	19.2	17.6	15.9	14.2	12.3	10.6	9.5
45°	28.0	26.5	25.1	24.0	22.4	20.6	19.1	17.2	15.1	13.1	11.2
42.5°	32.5	30.1	28.3	27.1	25.2	23.4	21.7	20.2	17.9	15.6	13.6
40°	38.4	33.8	32.0	31.6	29.8	26.7	25.3	23.7	21.2	18.1	16.3
37.5°	48.1	41.9	38.9	37.3	35.7	32.5	29.7	27.6	25.4	21.9	19.2
35°	61.9	54.7	48.0	44.6	42.7	38.4	34.7	31.9	29.2	25.9	22.4
32.5°	74.1	65.9	58.0	52.0	47.7	43.7	39.5	36.1	32.6	29.2	25.7
30°	91.9	78.1	67.2	58.7	53.2	48.2	43.8	39.7	35.7	32.1	28.6
27.5°	115.9	94.0	79.1	67.2	59.0	53.1	48.1	43.2	38.7	34.9	31.3
25°	151.2	116.2	94.0	78.0	66.0	58.5	52.7	47.1	41.8	37.5	34.5
22.5°	202.0	154.2	117.6	89.6	76.2	66.7	58.3	51.2	45.2	41.3	37.7
20°	289.5	206.4	152.3	116.4	91.8	76.5	64.9	56.6	50.5	45.4	41.0
17.5°	439.1	304.2	197.2	149.9	114.9	91.2	74.4	63.4	55.7	49.6	44.4
15°	622.3	417.5	275.7	193.1	140.8	103.4	83.4	70.1	61.1	54.0	47.7
12.5°	813.2	525.3	340.8	226.0	159.3	116.3	92.8	77.8	66.4	57.2	49.9
10°	979.1	636.1	406.3	264.7	180.3	128.8	100.2	82.6	69.6	59.5	51.8
7.5°	1162.3	749.4	466.6	293.1	197.6	138.8	105.2	85.9	72.2	61.5	53.4
5°	1298.0	835.9	517.6	319.0	210.5	146.4	109.1	88.2	74.2	63.0	54.6
2.5°	1389.0	896.1	549.6	336.9	218.6	152.2	112.2	90.4	75.8	64.5	55.9
0°	1417.5	902.2	574.2	347.9	223.8	157.5	114.7	92.4	76.9	65.7	57.0
-2.5°	1426.1	912.6	571.7	350.3	225.6	160.3	115.8	92.8	77.7	66.2	57.2
-5°	1369.5	885.8	558.9	347.8	224.3	160.3	117.5	93.4	78.1	66.4	57.1
-7.5°	1270.0	828.0	525.4	332.0	217.8	157.7	118.7	94.3	78.6	66.9	57.5
-10°	1118.7	735.3	473.2	305.6	207.0	152.8	117.6	93.9	78.3	66.8	57.6
-12.5°	966.4	631.4	405.6	268.5	189.3	143.8	113.2	91.9	77.4	66.1	57.3
-15°	773.0	528.5	355.5	243.2	173.4	134.0	107.6	88.9	75.7	64.8	56.7
-17.5°	620.9	428.8	291.2	208.6	158.1	125.4	103.2	86.5	73.7	63.6	55.8
-20°	477.7	337.7	246.6	183.5	142.3	114.9	97.3	82.9	71.5	62.3	55.0

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Scaled Data Report



REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	360.0	273.5	204.6	157.7	127.6	106.7	91.4	78.9	68.7	60.4	53.9
-25°	279.6	218.1	171.2	139.3	114.6	97.7	85.9	75.7	66.6	58.6	52.6
-27.5°	221.2	177.1	146.9	122.2	104.0	91.6	81.5	72.4	64.2	57.2	51.3
-30°	179.1	150.5	127.2	108.7	95.7	85.3	77.2	69.6	62.0	55.4	49.8
-32.5°	146.8	129.2	111.6	98.3	87.6	79.6	73.0	66.6	59.4	53.6	48.3
-35°	125.7	112.9	100.4	89.8	80.8	74.7	68.8	62.7	56.9	51.5	46.6
-37.5°	111.0	100.5	91.1	82.6	75.8	70.1	64.9	59.6	54.3	49.4	44.9
-40°	99.5	90.6	83.2	76.7	71.3	66.4	61.7	56.8	52.2	47.2	43.0
-42.5°	90.1	83.1	76.8	71.8	67.2	63.0	58.9	54.6	50.0	45.3	40.9
-45°	82.4	76.9	71.6	67.2	63.3	59.7	56.6	52.3	47.8	43.1	38.6
-47.5°	76.0	71.4	67.0	62.9	59.6	56.6	53.5	49.7	45.0	40.6	36.8
-50°	70.3	66.6	62.8	59.0	56.2	53.4	50.2	46.2	42.1	38.5	34.9
-52.5°	65.6	62.3	59.0	55.9	53.1	50.1	46.7	43.3	39.8	36.4	33.1
-55°	60.9	58.3	55.6	53.0	50.4	47.4	44.2	40.8	37.4	34.2	30.8
-57.5°	57.3	54.8	52.4	50.1	47.7	44.7	41.5	38.2	34.7	31.4	28.2
-60°	53.4	51.3	48.9	46.6	44.4	41.7	38.2	34.8	31.5	28.5	25.4
-62.5°	48.5	46.5	44.4	42.2	39.9	37.2	34.0	30.9	28.0	25.4	22.6
-65°	43.0	41.0	39.1	36.9	34.4	31.7	29.0	26.7	24.5	22.3	19.8
-67.5°	37.3	35.5	33.5	31.3	29.1	27.0	25.0	23.1	21.0	18.9	16.8
-70°	32.1	30.7	29.0	27.1	25.1	23.1	21.2	19.4	17.5	15.7	14.1
-72.5°	27.1	25.8	24.3	22.6	20.8	19.1	17.6	16.1	14.6	13.2	11.7
-75°	22.1	21.0	19.8	18.4	17.0	15.6	14.3	13.1	11.8	10.6	9.3
-77.5°	17.4	16.6	15.8	14.7	13.5	12.4	11.4	10.3	9.2	8.3	7.4
-80°	13.2	12.6	11.9	11.0	10.1	9.2	8.4	7.6	6.9	6.3	5.7
-82.5°	9.2	8.7	8.2	7.6	6.9	6.3	5.7	5.2	4.8	4.4	4.0
-85°	5.5	5.3	5.0	4.6	4.3	3.9	3.6	3.4	3.1	2.9	2.6
-87.5°	2.6	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.7	1.5	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.3	0.2
67.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	0.2	0.4	0.3
65°	0.2	0.1	0.0	0.2	0.3	0.4	0.3	0.2	0.3	0.4	0.5
62.5°	0.4	0.5	0.3	0.2	0.3	0.5	0.6	0.4	0.3	0.4	0.6
60°	0.4	0.5	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.5	0.6
57.5°	1.1	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.6
55°	2.0	1.5	1.0	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6
52.5°	3.5	2.6	1.9	1.2	0.9	0.7	0.7	0.6	0.6	0.6	0.6
50°	5.6	4.0	3.0	2.1	1.3	1.0	0.8	0.7	0.6	0.6	0.6
47.5°	8.2	6.0	4.3	3.1	2.2	1.4	1.1	0.8	0.6	0.6	0.6
45°	10.1	8.4	6.0	4.4	3.1	2.1	1.5	1.0	0.7	0.6	0.6
42.5°	12.0	10.5	8.2	5.6	4.2	2.9	1.9	1.3	0.9	0.7	0.6
40°	14.4	12.5	10.2	7.6	5.5	3.7	2.6	1.8	1.1	0.8	0.7
37.5°	16.9	14.8	12.3	9.5	6.9	4.9	3.3	2.2	1.4	1.0	0.7
35°	19.7	17.1	14.4	11.4	8.6	6.2	3.9	2.7	1.8	1.2	0.8
32.5°	22.5	19.3	16.2	13.2	10.2	7.5	4.8	3.3	2.2	1.5	0.9
30°	25.3	21.6	18.0	15.0	11.7	8.8	6.0	4.0	2.6	1.7	1.0
27.5°	27.7	23.8	19.6	16.5	13.2	10.1	7.2	4.7	2.9	2.0	1.2
25°	30.3	26.0	21.6	17.8	14.6	11.4	8.3	5.5	3.4	2.3	1.4
22.5°	33.3	28.2	23.4	19.1	16.1	12.6	9.4	6.5	4.0	2.6	1.6
20°	36.5	30.5	25.3	20.8	17.5	13.9	10.4	7.4	4.7	2.8	1.8
17.5°	39.7	32.9	27.6	22.8	18.9	15.1	11.4	8.2	5.3	3.1	2.0
15°	41.9	35.4	29.6	24.7	20.3	16.2	12.4	8.9	5.9	3.3	2.2
12.5°	43.8	37.5	31.4	26.5	21.6	17.2	13.2	9.5	6.5	3.6	2.4
10°	45.4	39.3	32.9	28.1	23.0	18.1	14.1	10.1	7.1	4.0	2.6
7.5°	46.8	40.7	34.3	29.5	24.2	19.0	14.7	10.6	7.6	4.4	2.7
5°	48.0	42.0	35.4	30.4	25.4	20.0	15.3	11.1	8.0	4.8	2.9
2.5°	48.9	43.1	36.4	31.1	26.4	20.9	15.7	11.5	8.4	5.2	3.0
0°	49.6	44.0	37.2	31.6	27.3	21.7	16.1	11.8	8.7	5.6	3.1
-2.5°	50.0	44.1	38.1	32.2	27.8	22.4	16.9	12.2	8.9	5.9	3.3
-5°	50.2	44.1	38.7	32.7	28.2	22.9	17.5	12.5	9.1	6.2	3.4
-7.5°	50.5	44.3	39.1	33.0	28.4	23.3	18.0	12.7	9.2	6.4	3.6
-10°	50.6	44.6	39.1	33.5	28.6	23.6	18.3	12.9	9.3	6.5	3.7
-12.5°	50.5	44.5	39.1	33.7	28.7	23.7	18.4	13.1	9.4	6.6	3.8
-15°	50.1	44.3	39.0	33.7	28.7	23.8	18.5	13.3	9.6	6.6	3.9
-17.5°	49.5	43.8	38.9	33.5	28.6	23.7	18.4	13.5	9.7	6.6	4.0
-20°	48.9	43.3	38.7	33.1	28.4	23.6	18.3	13.4	9.7	6.5	4.1

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	48.1	42.9	38.0	32.6	28.0	23.4	18.0	13.3	9.6	6.3	4.2
-25°	47.1	42.2	37.2	32.3	27.7	23.0	17.7	13.0	9.3	6.2	4.2
-27.5°	46.0	41.3	36.4	31.8	27.1	22.4	17.3	12.7	9.0	5.9	4.2
-30°	44.8	40.3	35.7	31.1	26.4	21.6	16.8	12.3	8.7	5.8	4.1
-32.5°	43.5	39.3	34.8	30.1	25.4	20.8	16.1	11.7	8.3	5.7	4.1
-35°	42.3	38.1	33.8	28.8	24.4	19.9	15.3	10.9	7.8	5.6	4.0
-37.5°	40.7	36.7	32.2	27.5	23.3	19.0	14.6	10.5	7.4	5.5	4.0
-40°	38.9	34.9	30.4	26.3	22.2	17.9	13.9	10.1	7.0	5.3	3.9
-42.5°	37.0	33.0	28.9	25.0	21.0	17.0	13.1	9.6	6.9	5.1	3.7
-45°	35.0	31.2	27.6	23.7	19.8	16.1	12.4	9.1	6.7	4.9	3.6
-47.5°	33.1	29.7	26.1	22.3	18.7	15.1	11.7	8.8	6.4	4.8	3.5
-50°	31.5	28.1	24.4	20.8	17.5	14.2	10.9	8.3	6.2	4.6	3.3
-52.5°	29.7	26.2	22.6	19.2	16.2	13.1	10.3	7.8	5.8	4.3	3.2
-55°	27.5	24.0	20.6	17.7	14.8	12.1	9.5	7.2	5.4	4.1	3.0
-57.5°	25.0	21.6	18.8	16.1	13.4	11.0	8.6	6.5	5.0	3.8	2.7
-60°	22.4	19.7	17.1	14.4	11.9	9.7	7.6	5.9	4.6	3.5	2.5
-62.5°	20.1	17.6	15.0	12.6	10.4	8.4	6.6	5.3	4.2	3.1	2.2
-65°	17.4	15.1	12.8	10.8	8.9	7.2	6.0	4.8	3.7	2.8	2.0
-67.5°	14.6	12.7	10.8	9.0	7.6	6.4	5.3	4.2	3.2	2.3	1.8
-70°	12.3	10.6	9.0	7.8	6.6	5.5	4.5	3.5	2.7	2.1	1.6
-72.5°	10.2	8.8	7.6	6.5	5.5	4.5	3.7	2.9	2.3	1.8	1.4
-75°	8.1	7.1	6.2	5.2	4.3	3.6	3.0	2.4	2.0	1.5	1.2
-77.5°	6.5	5.6	4.7	4.0	3.5	3.0	2.5	2.0	1.6	1.3	1.0
-80°	5.0	4.4	3.9	3.4	2.9	2.4	2.0	1.7	1.4	1.1	0.9
-82.5°	3.6	3.3	3.0	2.7	2.4	2.0	1.7	1.4	1.1	0.9	0.7
-85°	2.5	2.3	2.2	2.1	1.8	1.5	1.3	1.0	0.8	0.6	0.4
-87.5°	1.3	1.2	1.2	1.1	0.9	0.8	0.6	0.5	0.4	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.1	0.0	0.0	0.1	0.0
70°	0.1	0.1	0.1	0.0	0.0	0.1	0.0
67.5°	0.2	0.2	0.2	0.1	0.0	0.1	0.0
65°	0.3	0.3	0.2	0.1	0.0	0.1	0.0
62.5°	0.5	0.3	0.3	0.2	0.1	0.2	0.0
60°	0.6	0.4	0.4	0.3	0.1	0.2	0.0
57.5°	0.6	0.5	0.4	0.3	0.1	0.2	0.0
55°	0.6	0.6	0.5	0.4	0.2	0.2	0.0
52.5°	0.6	0.6	0.5	0.4	0.2	0.2	0.0
50°	0.6	0.6	0.5	0.5	0.3	0.2	0.0
47.5°	0.6	0.6	0.6	0.6	0.3	0.3	0.0
45°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
42.5°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
40°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
37.5°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
35°	0.6	0.6	0.6	0.6	0.5	0.4	0.0
32.5°	0.6	0.6	0.6	0.6	0.5	0.4	0.0
30°	0.7	0.6	0.6	0.6	0.5	0.4	0.0
27.5°	0.7	0.6	0.6	0.6	0.5	0.4	0.0
25°	0.8	0.6	0.6	0.6	0.6	0.4	0.0
22.5°	0.9	0.6	0.6	0.6	0.6	0.4	0.0
20°	1.0	0.7	0.6	0.6	0.6	0.5	0.0
17.5°	1.1	0.7	0.6	0.6	0.6	0.5	0.0
15°	1.2	0.8	0.6	0.6	0.6	0.5	0.0
12.5°	1.3	0.8	0.6	0.6	0.6	0.5	0.0
10°	1.5	0.9	0.6	0.6	0.6	0.5	0.0
7.5°	1.6	1.0	0.6	0.6	0.6	0.6	0.0
5°	1.7	1.1	0.6	0.6	0.6	0.6	0.0
2.5°	1.8	1.1	0.6	0.6	0.6	0.6	0.0
0°	1.9	1.2	0.6	0.6	0.6	0.6	0.0
-2.5°	2.1	1.3	0.7	0.6	0.6	0.6	0.0
-5°	2.2	1.3	0.7	0.6	0.6	0.6	0.0
-7.5°	2.3	1.4	0.8	0.6	0.6	0.6	0.0
-10°	2.4	1.5	0.8	0.6	0.6	0.6	0.0
-12.5°	2.5	1.5	0.8	0.6	0.6	0.6	0.0
-15°	2.6	1.5	0.9	0.6	0.6	0.6	0.0
-17.5°	2.7	1.6	0.9	0.6	0.6	0.6	0.0
-20°	2.7	1.6	0.9	0.6	0.6	0.6	0.0

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CATALOG NUMBER: GFLD-SA1A-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2.8	1.6	0.9	0.6	0.6	0.6	0.0
-25°	2.8	1.6	0.9	0.6	0.6	0.5	0.0
-27.5°	2.8	1.7	0.9	0.6	0.6	0.5	0.0
-30°	2.8	1.7	0.9	0.6	0.6	0.5	0.0
-32.5°	2.7	1.7	0.9	0.6	0.6	0.5	0.0
-35°	2.7	1.7	0.9	0.6	0.6	0.5	0.0
-37.5°	2.7	1.7	0.9	0.6	0.6	0.5	0.0
-40°	2.6	1.6	0.8	0.6	0.6	0.5	0.0
-42.5°	2.6	1.6	0.8	0.6	0.6	0.4	0.0
-45°	2.5	1.5	0.8	0.6	0.6	0.4	0.0
-47.5°	2.4	1.5	0.9	0.6	0.6	0.4	0.0
-50°	2.3	1.4	0.9	0.6	0.6	0.4	0.0
-52.5°	2.1	1.3	0.9	0.6	0.6	0.4	0.0
-55°	2.0	1.2	0.9	0.6	0.6	0.3	0.0
-57.5°	1.8	1.2	0.8	0.6	0.6	0.3	0.0
-60°	1.6	1.2	0.8	0.6	0.6	0.3	0.0
-62.5°	1.5	1.1	0.8	0.6	0.6	0.3	0.0
-65°	1.4	1.0	0.8	0.6	0.5	0.3	0.0
-67.5°	1.3	1.0	0.7	0.6	0.5	0.2	0.0
-70°	1.2	0.9	0.7	0.6	0.4	0.2	0.0
-72.5°	1.0	0.8	0.7	0.5	0.4	0.2	0.0
-75°	0.9	0.7	0.6	0.5	0.3	0.2	0.0
-77.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)