

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: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-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
Luminaire Lumens: 4597.2 lumens
Efficiency: N/A
Efficacy: 137.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 46600.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 1467.6 lumens
Beam Efficiency: 31.9%

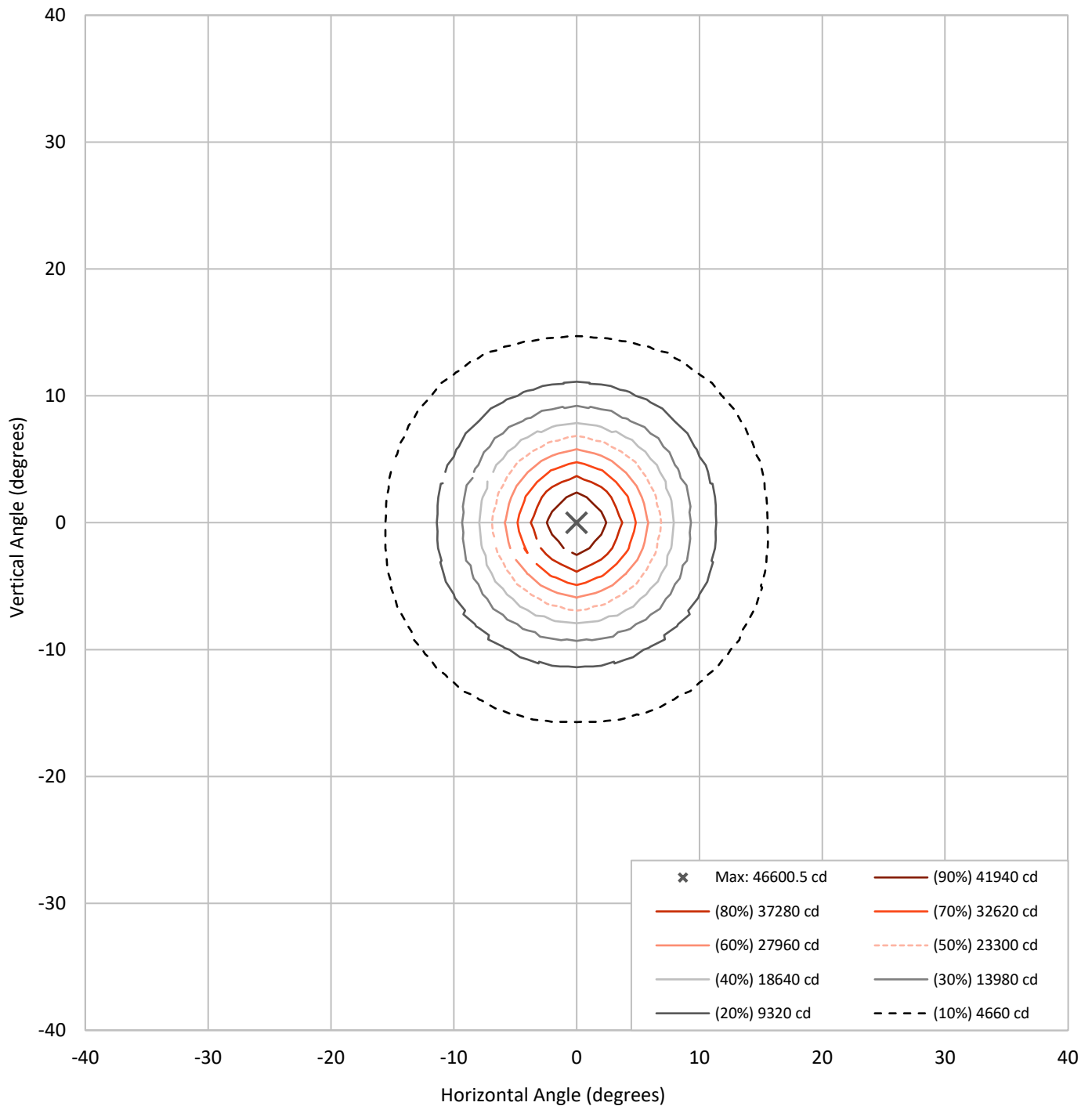
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 3268.9 lumens
Field Efficiency: 71.1%

Input Watts (W): 33.5
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



REPORT NUMBER: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-735-U-NR-VSR-XX

Iso-Candela Plot





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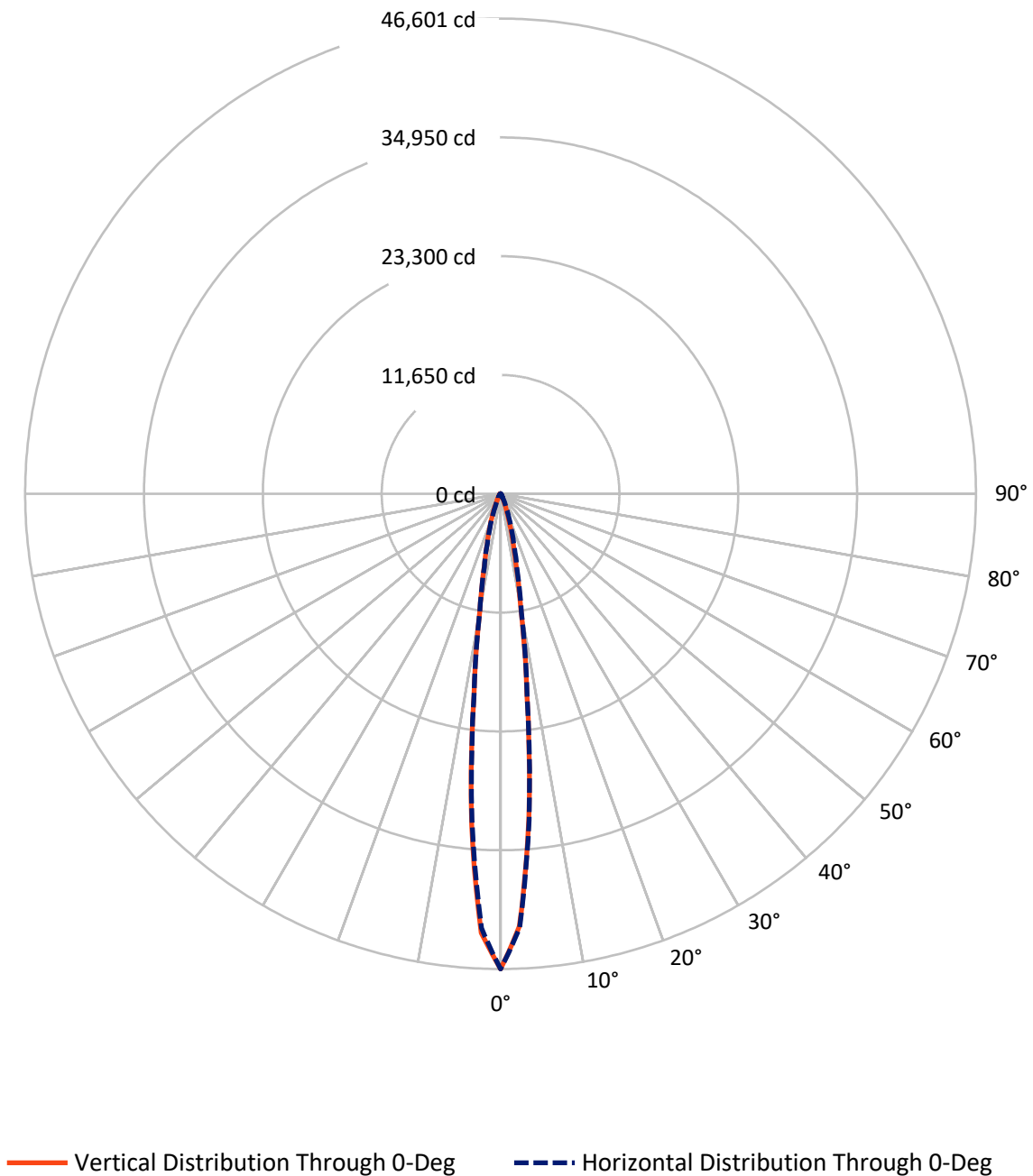
CATALOG NUMBER: GFLD-SA1B-735-U-NR-VSR-XX

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	0.3	0.4	0.5	0.7	0.7	0.5	0.4	0.3	0.1	0.0	0.0			
50	0.0	0.0	0.1	0.4	0.7	1.1	1.6	1.8	1.8	1.6	1.1	0.7	0.4	0.1	0.0	0.0		
40		0.1	0.3	0.8	1.4	2.2	3.7	4.8	4.8	3.7	2.2	1.4	0.8	0.3	0.1			
30	0.0	0.1	0.5	1.2	2.2	4.7	12.5	20.7	20.7	12.5	4.7	2.2	1.2	0.5	0.1	0.0		
20		0.2	0.7	1.6	3.6	14.0	58.9	129.5	129.5	58.9	14.0	3.6	1.6	0.7	0.2			
10	0.1	0.2	0.9	1.9	4.8	26.2	141.2	633.3	633.3	141.2	26.2	4.8	1.9	0.9	0.2	0.1		
0		0.3	0.9	2.0	5.2	28.0	146.2	644.0	644.0	146.2	28.0	5.2	2.0	0.9	0.3			
-10	0.1	0.3	0.9	2.0	4.6	17.8	71.0	151.8	151.8	71.0	17.8	4.6	2.0	0.9	0.3	0.1		
-20		0.3	0.9	1.8	3.5	8.3	21.9	36.4	36.4	21.9	8.3	3.5	1.8	0.9	0.3			
-30	0.1	0.2	0.8	1.6	2.8	4.6	7.4	9.4	9.4	7.4	4.6	2.8	1.6	0.8	0.2	0.1		
-40		0.2	0.7	1.3	2.2	3.2	4.3	4.8	4.8	4.3	3.2	2.2	1.3	0.7	0.2			
-50	0.1	0.2	0.5	1.1	1.8	2.5	3.1	3.4	3.4	3.1	2.5	1.8	1.1	0.5	0.2	0.1		
-60		0.1	0.3	0.7	1.2	1.7	2.2	2.4	2.4	2.2	1.7	1.2	0.7	0.3	0.1			
-70	0.0	0.3	1.2	2.5	3.2	2.5	1.2	0.3	0.0	0.0								
-80		0.3	1.2	2.5	3.2	2.5	1.2	0.3										
-90	0.0	0.3	1.2	2.5	3.2	2.5	1.2	0.3	0.0	0.0	0.3	1.2	2.5	3.2	2.5	1.2	0.3	0.0

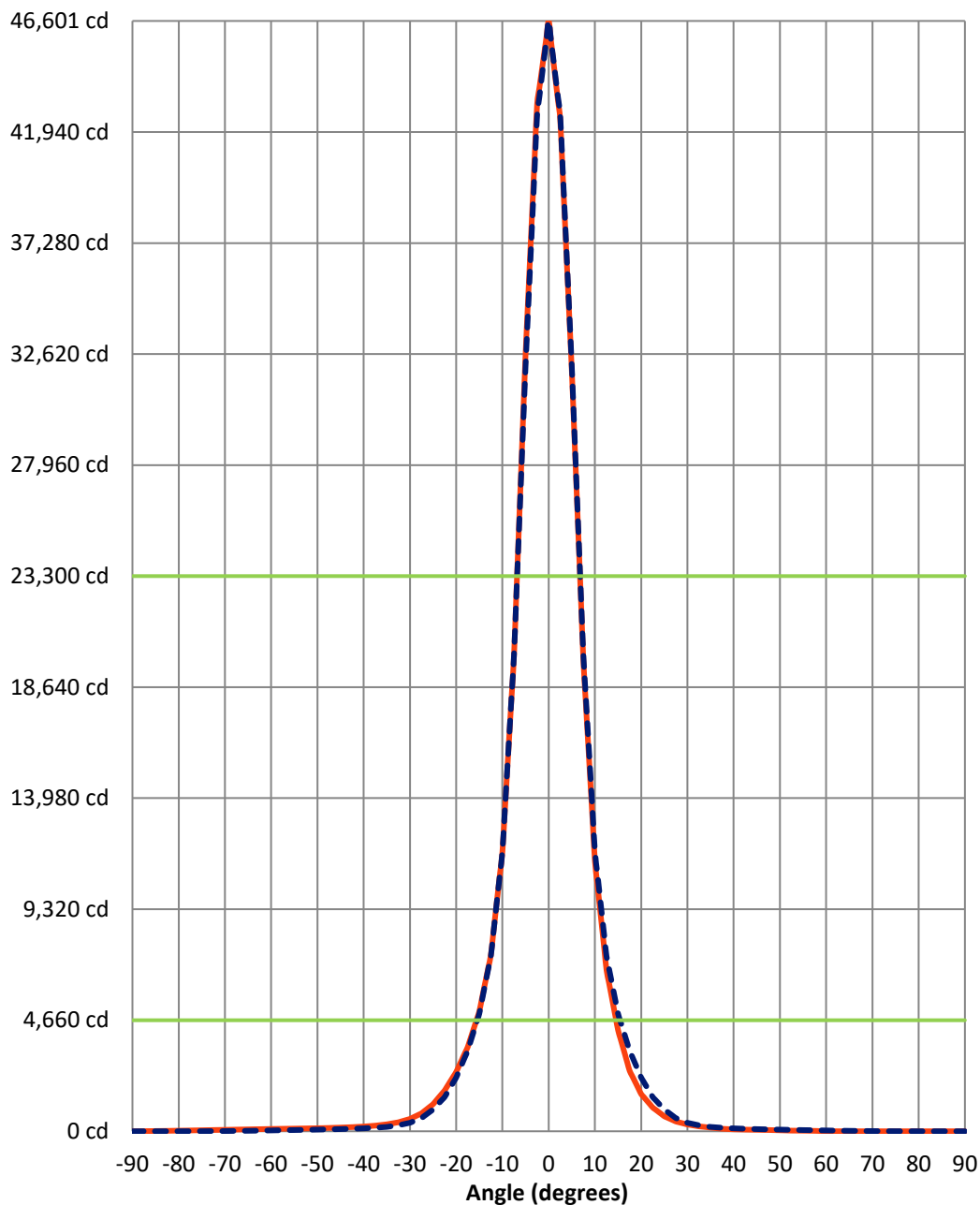
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 1467.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 3268.9
 Efficiency: 71.1%

Spill:
 Lumens: 1328.3
 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	0.1	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	0.1	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	0.2	0.2	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.3	0.4	0.4	0.1
67.5°	0.0	0.2	0.1	0.1	0.3	0.3	0.4	0.6	0.6	0.4	0.2
65°	0.0	0.2	0.1	0.2	0.4	0.4	0.6	0.8	0.7	0.4	0.3
62.5°	0.0	0.3	0.1	0.3	0.5	0.6	0.8	0.9	0.7	0.5	0.6
60°	0.0	0.3	0.1	0.4	0.6	0.7	1.0	1.0	0.8	0.7	0.9
57.5°	0.0	0.3	0.2	0.5	0.7	0.8	1.0	1.0	0.8	0.9	1.0
55°	0.0	0.3	0.3	0.6	0.8	0.9	1.0	1.0	0.9	1.0	1.0
52.5°	0.0	0.4	0.4	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0
50°	0.0	0.4	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2
47.5°	0.0	0.4	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.4
45°	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.6
42.5°	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.1	1.5	2.2
40°	0.0	0.5	0.7	1.0	1.0	1.0	1.0	1.1	1.3	1.8	2.8
37.5°	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.2	1.6	2.3	3.4
35°	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.3	2.0	2.9	4.2
32.5°	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.5	2.3	3.5	5.2
30°	0.0	0.6	0.9	1.0	1.0	1.0	1.1	1.7	2.7	4.1	6.4
27.5°	0.0	0.7	0.9	1.0	1.0	1.0	1.2	2.0	3.2	4.6	7.6
25°	0.0	0.7	0.9	1.0	1.0	1.0	1.4	2.3	3.6	5.4	8.8
22.5°	0.0	0.7	0.9	1.0	1.0	1.0	1.5	2.6	4.1	6.4	10.3
20°	0.0	0.8	1.0	1.0	1.0	1.1	1.6	2.9	4.5	7.4	11.7
17.5°	0.0	0.8	1.0	1.0	1.0	1.2	1.8	3.2	4.9	8.5	13.0
15°	0.0	0.8	1.0	1.0	1.0	1.3	2.0	3.5	5.3	9.5	14.2
12.5°	0.0	0.9	1.0	1.0	1.0	1.4	2.2	3.8	5.8	10.4	15.2
10°	0.0	0.9	1.0	1.0	1.0	1.5	2.4	4.1	6.4	11.3	16.1
7.5°	0.0	0.9	1.0	1.0	1.0	1.6	2.5	4.3	7.1	12.1	16.9
5°	0.0	1.0	1.0	1.0	1.0	1.8	2.7	4.5	7.7	12.8	17.6
2.5°	0.0	1.0	1.0	1.0	1.0	1.9	2.9	4.7	8.3	13.3	18.2
0°	0.0	1.0	1.0	1.0	1.0	2.0	3.0	4.9	8.9	13.8	18.7
-2.5°	0.0	1.0	1.0	1.0	1.1	2.1	3.2	5.2	9.4	14.2	19.3
-5°	0.0	1.0	1.0	1.0	1.2	2.2	3.5	5.5	9.8	14.5	19.9
-7.5°	0.0	1.0	1.0	1.0	1.3	2.3	3.7	5.7	10.2	14.7	20.3
-10°	0.0	1.0	1.0	1.0	1.3	2.4	3.9	5.9	10.4	14.8	20.5
-12.5°	0.0	1.0	1.0	1.0	1.4	2.4	4.0	6.1	10.6	15.0	20.9
-15°	0.0	1.0	1.0	1.0	1.5	2.5	4.1	6.3	10.6	15.3	21.3
-17.5°	0.0	1.0	1.0	1.0	1.5	2.5	4.2	6.4	10.5	15.4	21.5
-20°	0.0	0.9	1.0	1.0	1.5	2.6	4.3	6.6	10.4	15.4	21.4

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CATALOG NUMBER: GFLD-SA1B-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	0.9	1.0	1.0	1.5	2.6	4.4	6.6	10.2	15.3	21.2
-25°	0.0	0.9	1.0	1.0	1.5	2.6	4.4	6.7	9.8	14.9	20.7
-27.5°	0.0	0.9	1.0	1.0	1.5	2.7	4.4	6.6	9.4	14.4	20.3
-30°	0.0	0.9	1.0	1.0	1.5	2.7	4.4	6.6	9.2	13.9	19.6
-32.5°	0.0	0.8	1.0	1.0	1.5	2.8	4.3	6.5	9.1	13.2	18.7
-35°	0.0	0.8	1.0	1.0	1.4	2.8	4.3	6.4	8.9	12.5	17.5
-37.5°	0.0	0.8	1.0	1.0	1.4	2.7	4.3	6.3	8.7	11.7	16.8
-40°	0.0	0.8	1.0	1.0	1.4	2.7	4.2	6.2	8.4	11.2	16.2
-42.5°	0.0	0.7	1.0	1.0	1.3	2.6	4.1	6.0	8.1	11.0	15.4
-45°	0.0	0.7	1.0	1.0	1.4	2.5	4.0	5.8	7.9	10.7	14.5
-47.5°	0.0	0.7	1.0	1.1	1.4	2.4	3.8	5.6	7.6	10.3	14.0
-50°	0.0	0.6	1.0	1.1	1.4	2.2	3.6	5.3	7.3	9.9	13.3
-52.5°	0.0	0.6	1.0	1.1	1.4	2.0	3.4	5.0	6.9	9.3	12.4
-55°	0.0	0.6	1.0	1.1	1.4	2.0	3.2	4.7	6.5	8.6	11.5
-57.5°	0.0	0.5	1.0	1.1	1.4	1.9	2.9	4.3	6.0	8.0	10.5
-60°	0.0	0.5	1.0	1.1	1.4	1.9	2.6	3.9	5.5	7.3	9.4
-62.5°	0.0	0.5	0.9	1.1	1.3	1.8	2.5	3.5	5.0	6.6	8.5
-65°	0.0	0.4	0.8	1.0	1.3	1.7	2.3	3.1	4.4	5.9	7.6
-67.5°	0.0	0.4	0.8	1.0	1.2	1.6	2.1	2.8	3.7	5.1	6.6
-70°	0.0	0.3	0.7	1.0	1.2	1.5	1.9	2.6	3.3	4.2	5.6
-72.5°	0.0	0.3	0.6	0.9	1.1	1.3	1.7	2.3	2.9	3.7	4.6
-75°	0.0	0.3	0.5	0.8	1.0	1.2	1.5	2.0	2.5	3.1	3.9
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.7	2.2	2.6	3.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.4	1.8	2.2	2.6
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	1.9	2.2
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.7	1.0	1.3	1.7
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.5	0.6	0.5	0.3	0.0	0.2	0.3	0.3	0.0	0.0	0.0
62.5°	0.9	0.8	0.6	0.4	0.6	0.8	0.6	0.3	0.1	0.5	0.7
60°	1.0	0.8	0.7	0.8	1.0	0.9	0.7	1.0	1.5	1.8	2.2
57.5°	1.0	0.9	0.9	1.1	1.1	1.1	1.8	2.3	3.3	4.1	4.6
55°	1.0	1.0	1.1	1.4	1.7	2.4	3.3	4.5	5.6	7.2	8.6
52.5°	1.1	1.1	1.5	2.0	3.0	4.1	5.6	7.5	9.6	11.2	12.9
50°	1.3	1.7	2.1	3.4	4.7	6.4	8.9	11.6	13.4	15.2	17.6
47.5°	1.8	2.2	3.5	4.9	6.9	9.6	13.0	15.0	16.8	19.6	22.6
45°	2.4	3.4	4.9	6.9	9.6	13.4	16.1	17.7	20.8	24.0	27.4
42.5°	3.0	4.6	6.7	8.9	13.0	16.7	19.1	21.7	24.7	28.5	32.2
40°	4.1	5.9	8.7	12.1	16.3	19.9	23.0	25.9	28.9	33.8	37.8
37.5°	5.2	7.8	11.0	15.2	19.6	23.5	26.9	30.6	34.9	40.4	44.0
35°	6.2	9.8	13.7	18.2	22.8	27.2	31.4	35.6	41.2	46.5	50.7
32.5°	7.7	11.8	16.2	21.0	25.8	30.8	35.8	41.0	46.4	51.9	57.4
30°	9.6	14.0	18.6	23.8	28.6	34.3	40.2	45.6	51.2	56.9	63.1
27.5°	11.5	16.0	21.0	26.2	31.3	37.8	44.1	49.8	55.5	61.6	68.7
25°	13.2	18.0	23.2	28.4	34.4	41.4	48.3	54.8	59.7	66.6	74.9
22.5°	14.9	20.0	25.6	30.4	37.3	44.9	53.0	60.0	65.7	71.9	81.4
20°	16.6	22.1	27.8	33.2	40.3	48.5	58.0	65.3	72.3	80.3	90.0
17.5°	18.2	24.0	30.1	36.4	43.9	52.4	63.2	70.6	79.0	88.6	100.8
15°	19.7	25.8	32.3	39.4	47.1	56.2	66.7	75.9	86.0	97.1	111.5
12.5°	21.1	27.4	34.5	42.1	49.9	59.6	69.6	79.4	91.0	105.6	123.7
10°	22.4	28.9	36.6	44.6	52.4	62.4	72.2	82.4	94.7	110.7	131.4
7.5°	23.4	30.3	38.6	46.9	54.6	64.8	74.4	84.9	97.7	114.8	136.6
5°	24.3	31.9	40.4	48.4	56.4	66.8	76.3	86.9	100.2	118.1	140.2
2.5°	25.0	33.3	42.0	49.5	57.9	68.6	77.8	89.0	102.6	120.6	143.7
0°	25.6	34.5	43.4	50.3	59.2	70.0	78.9	90.7	104.6	122.3	147.0
-2.5°	26.8	35.5	44.2	51.2	60.5	70.2	79.6	91.0	105.3	123.6	147.6
-5°	27.8	36.4	44.8	52.0	61.5	70.2	79.9	90.8	105.5	124.3	148.6
-7.5°	28.6	37.0	45.3	52.5	62.1	70.5	80.4	91.5	106.3	125.0	150.0
-10°	29.1	37.5	45.6	53.2	62.2	70.9	80.5	91.6	106.2	124.6	149.3
-12.5°	29.4	37.8	45.7	53.6	62.2	70.8	80.3	91.2	105.1	123.0	146.2
-15°	29.5	37.9	45.7	53.7	62.0	70.4	79.7	90.2	103.1	120.4	141.4
-17.5°	29.4	37.8	45.5	53.3	61.8	69.6	78.7	88.8	101.1	117.3	137.5
-20°	29.1	37.6	45.2	52.6	61.5	68.8	77.7	87.5	99.1	113.7	131.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	28.7	37.3	44.7	51.9	60.4	68.1	76.4	85.7	96.2	109.4	125.5
-25°	28.3	36.6	44.1	51.4	59.2	67.1	74.8	83.6	93.2	105.9	120.4
-27.5°	27.6	35.7	43.2	50.6	57.8	65.6	73.2	81.5	91.0	102.2	115.2
-30°	26.7	34.5	42.0	49.5	56.7	64.0	71.3	79.2	88.2	98.8	110.7
-32.5°	25.6	33.2	40.5	47.9	55.4	62.4	69.2	76.9	85.3	94.5	105.9
-35°	24.4	31.7	38.9	46.0	53.8	60.6	67.1	74.2	82.0	90.6	99.9
-37.5°	23.3	30.2	37.2	43.9	51.3	58.3	64.7	71.4	78.6	86.5	95.0
-40°	22.1	28.5	35.3	41.9	48.4	55.6	62.0	68.3	75.0	83.0	90.5
-42.5°	20.9	27.1	33.4	39.8	46.1	52.5	58.9	65.0	72.0	79.5	86.9
-45°	19.8	25.6	31.5	37.7	43.9	49.7	55.7	61.5	68.6	76.0	83.2
-47.5°	18.6	24.1	29.8	35.5	41.5	47.3	52.7	58.5	64.6	71.6	79.2
-50°	17.4	22.6	27.8	33.1	38.9	44.7	50.1	55.5	61.3	67.1	73.6
-52.5°	16.4	20.9	25.7	30.6	36.0	41.7	47.2	52.6	57.9	63.3	68.9
-55°	15.1	19.3	23.5	28.1	32.8	38.3	43.7	49.0	54.4	59.5	64.9
-57.5°	13.8	17.5	21.3	25.6	29.9	34.4	39.7	44.9	50.0	55.2	60.8
-60°	12.2	15.5	19.0	22.9	27.2	31.2	35.5	40.4	45.3	50.2	55.4
-62.5°	10.6	13.5	16.6	20.1	23.9	27.9	31.8	36.0	40.4	44.6	49.1
-65°	9.5	11.5	14.2	17.2	20.4	24.0	27.7	31.5	35.4	39.0	42.5
-67.5°	8.3	10.2	12.2	14.4	17.3	20.3	23.2	26.6	30.1	33.4	36.7
-70°	7.1	8.7	10.5	12.4	14.4	16.9	19.6	22.4	25.0	27.8	30.8
-72.5°	5.8	7.2	8.8	10.4	12.2	14.1	16.2	18.5	20.9	23.2	25.6
-75°	4.8	5.7	6.9	8.3	9.9	11.4	12.9	14.8	16.8	18.8	20.8
-77.5°	3.9	4.8	5.6	6.5	7.6	9.0	10.4	11.7	13.1	14.7	16.3
-80°	3.2	3.9	4.6	5.4	6.1	7.0	8.0	9.1	10.1	11.0	12.1
-82.5°	2.7	3.2	3.7	4.3	4.7	5.2	5.7	6.3	7.0	7.7	8.4
-85°	2.1	2.5	2.9	3.3	3.5	3.7	3.9	4.2	4.6	5.0	5.4
-87.5°	1.0	1.2	1.5	1.7	1.8	1.9	2.0	2.1	2.4	2.6	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: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	0.2	0.2	0.1	0.0	0.0
62.5°	0.6	0.5	0.8	1.0	1.1	1.1	1.0	0.9	0.8	0.7	0.8
60°	2.4	2.3	3.3	3.7	3.4	2.4	3.7	4.4	4.2	3.6	3.6
57.5°	5.8	7.0	7.9	8.3	9.6	11.7	12.1	11.4	11.2	11.4	13.2
55°	10.1	11.0	11.5	13.3	14.9	16.1	16.8	17.5	18.5	19.7	21.0
52.5°	14.2	15.6	16.6	18.3	20.1	20.8	20.6	23.1	25.0	26.2	26.7
50°	19.5	21.2	23.7	26.2	27.2	28.3	29.5	31.5	34.4	38.0	40.1
47.5°	25.2	27.9	30.5	33.3	34.8	35.9	37.6	41.1	45.3	49.2	51.2
45°	30.3	32.7	35.7	38.1	39.9	42.1	44.6	47.7	52.4	56.5	59.3
42.5°	34.4	37.2	40.2	43.2	45.0	48.0	51.6	55.9	60.8	65.0	68.2
40°	40.2	42.5	47.4	50.3	51.0	53.7	61.1	66.9	72.4	77.7	80.3
37.5°	47.2	51.8	56.8	59.4	61.9	66.7	76.6	86.1	93.1	100.2	104.0
35°	55.2	61.1	67.9	71.0	76.4	87.0	98.6	111.8	128.2	135.0	141.3
32.5°	62.9	69.5	75.8	82.6	92.2	104.8	117.9	139.3	159.2	174.7	185.9
30°	69.7	76.8	84.6	93.4	106.8	124.2	146.1	173.7	201.8	226.4	247.1
27.5°	76.5	84.5	93.8	106.9	125.8	149.5	184.3	223.8	270.7	305.3	346.6
25°	83.9	93.0	105.0	124.1	149.6	184.9	240.6	304.6	381.6	444.0	509.3
22.5°	92.7	106.2	121.3	142.6	187.1	245.3	321.4	430.8	549.2	658.7	764.2
20°	103.3	121.7	146.0	185.2	242.4	328.3	460.6	635.2	809.4	994.8	1173.4
17.5°	118.4	145.0	182.8	238.4	313.8	483.9	698.5	968.7	1315.8	1630.3	1905.0
15°	132.6	164.4	223.9	307.2	438.6	664.2	990.1	1436.0	1976.9	2469.9	2990.5
12.5°	147.5	185.0	253.4	359.4	542.1	835.7	1293.7	1904.7	2582.0	3325.0	4171.3
10°	159.4	204.8	286.7	421.1	646.3	1012.0	1557.5	2298.4	3198.5	4298.1	5651.0
7.5°	167.3	220.7	314.2	466.3	742.3	1192.2	1848.9	2739.5	3864.8	5321.5	7214.5
5°	173.5	232.8	335.0	507.5	823.4	1329.8	2064.8	3125.7	4456.8	6408.6	9616.7
2.5°	178.5	242.1	347.8	535.9	874.3	1425.6	2209.6	3344.3	4809.3	7212.3	11374.4
0°	182.5	250.5	356.1	553.4	913.4	1435.2	2254.9	3384.3	4935.8	7357.4	11752.7
-2.5°	184.1	255.0	359.0	557.2	909.4	1451.7	2268.7	3416.2	4931.1	7277.9	11330.2
-5°	186.9	255.0	356.8	553.3	889.1	1409.1	2178.6	3237.5	4633.6	6652.0	9972.0
-7.5°	188.9	250.9	346.5	528.2	835.7	1317.2	2020.3	2941.3	4092.1	5624.6	7680.8
-10°	187.1	243.1	329.2	486.1	752.7	1169.7	1779.5	2550.4	3506.8	4642.5	6039.5
-12.5°	180.0	228.7	301.2	427.2	645.2	1004.5	1537.3	2193.6	2901.5	3699.2	4664.5
-15°	171.1	213.2	275.8	386.8	565.6	840.7	1229.8	1762.2	2330.1	2935.7	3581.5
-17.5°	164.2	199.5	251.4	331.8	463.2	682.0	987.7	1366.0	1783.3	2244.4	2627.0
-20°	154.8	182.7	226.3	291.9	392.2	537.2	759.8	1034.6	1310.0	1634.2	1898.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	145.4	169.7	202.9	250.9	325.6	435.1	572.6	756.1	957.5	1143.6	1326.7
-25°	136.7	155.4	182.2	221.7	272.3	347.0	444.9	550.2	682.9	796.2	921.9
-27.5°	129.6	145.7	165.5	194.4	233.7	281.8	351.9	422.4	492.2	549.3	635.9
-30°	122.8	135.8	152.3	172.9	202.4	239.4	284.9	330.7	371.0	407.7	452.8
-32.5°	116.1	126.6	139.3	156.4	177.6	205.4	233.4	266.2	294.2	320.0	343.9
-35°	109.4	118.8	128.4	142.9	159.7	179.5	199.9	222.1	241.4	258.8	274.2
-37.5°	103.4	111.6	120.7	131.4	145.0	159.9	176.5	192.6	205.5	216.7	226.1
-40°	98.3	105.8	113.5	122.1	132.5	144.2	158.3	171.7	180.7	187.6	193.3
-42.5°	93.7	100.3	106.9	114.2	122.1	132.3	143.4	154.5	160.6	165.9	170.0
-45°	90.0	95.1	100.7	106.9	113.9	122.4	131.2	138.9	144.2	148.8	152.2
-47.5°	85.2	90.1	94.9	100.0	106.6	113.7	120.9	126.8	131.5	135.5	138.1
-50°	79.8	85.0	89.4	93.9	99.9	106.0	111.8	116.6	121.1	125.1	127.1
-52.5°	74.3	79.8	84.5	88.9	93.9	99.2	104.5	108.6	112.6	116.2	117.8
-55°	70.3	75.4	80.2	84.4	88.5	92.7	97.0	101.4	105.3	108.8	109.8
-57.5°	66.0	71.2	76.0	79.7	83.5	87.2	91.2	95.1	98.9	102.2	103.1
-60°	60.8	66.4	70.6	74.1	77.8	81.5	85.0	88.4	92.0	94.9	95.8
-62.5°	54.1	59.2	63.4	67.1	70.6	73.9	77.2	80.5	83.6	85.9	86.7
-65°	46.1	50.5	54.8	58.6	62.1	65.2	68.3	71.3	74.2	76.2	77.2
-67.5°	39.9	43.0	46.4	49.8	53.3	56.5	59.2	61.9	64.3	66.0	67.1
-70°	33.8	36.8	40.0	43.2	46.2	48.8	51.0	53.2	55.3	56.8	57.9
-72.5°	28.0	30.5	33.2	36.0	38.7	41.1	43.1	45.0	46.8	48.2	49.2
-75°	22.7	24.8	27.0	29.3	31.6	33.4	35.1	36.8	38.4	39.5	40.5
-77.5°	18.0	19.8	21.6	23.3	25.1	26.5	27.7	28.9	30.1	31.0	31.9
-80°	13.3	14.7	16.1	17.6	19.0	20.0	21.0	21.9	22.7	23.2	23.7
-82.5°	9.1	10.1	11.1	12.1	13.1	13.9	14.6	15.3	16.1	16.3	16.5
-85°	5.8	6.3	6.8	7.4	7.9	8.4	8.8	9.2	9.6	9.9	10.2
-87.5°	3.2	3.3	3.4	3.5	3.5	3.8	4.1	4.4	4.7	4.8	4.8
-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: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.8	0.9
60°	3.4	3.0	3.0	3.0	3.0	3.0	3.4	3.6	3.6	4.2	4.4
57.5°	15.0	16.7	17.2	16.8	17.2	16.7	15.0	13.2	11.4	11.2	11.4
55°	21.9	22.4	22.6	22.7	22.6	22.4	21.9	21.0	19.7	18.5	17.5
52.5°	26.8	26.6	26.5	26.6	26.5	26.6	26.8	26.7	26.2	25.0	23.1
50°	40.3	39.5	39.3	39.5	39.3	39.5	40.3	40.1	38.0	34.4	31.5
47.5°	51.5	51.7	52.0	52.3	52.0	51.7	51.5	51.2	49.2	45.3	41.1
45°	60.1	60.6	61.0	61.2	61.0	60.6	60.1	59.3	56.5	52.4	47.7
42.5°	68.9	68.9	68.8	69.0	68.8	68.9	68.9	68.2	65.0	60.8	55.9
40°	81.3	81.6	81.3	80.9	81.3	81.6	81.3	80.3	77.7	72.4	66.9
37.5°	106.3	106.6	105.5	104.6	105.5	106.6	106.3	104.0	100.2	93.1	86.1
35°	147.0	151.2	153.3	153.9	153.3	151.2	147.0	141.3	135.0	128.2	111.8
32.5°	193.7	199.6	202.6	205.2	202.6	199.6	193.7	185.9	174.7	159.2	139.3
30°	260.7	271.5	276.3	283.1	276.3	271.5	260.7	247.1	226.4	201.8	173.7
27.5°	370.0	389.0	399.6	409.3	399.6	389.0	370.0	346.6	305.3	270.7	223.8
25°	556.8	593.4	617.2	628.3	617.2	593.4	556.8	509.3	444.0	381.6	304.6
22.5°	866.2	933.7	985.8	996.2	985.8	933.7	866.2	764.2	658.7	549.2	430.8
20°	1346.6	1443.2	1521.8	1561.4	1521.8	1443.2	1346.6	1173.4	994.8	809.4	635.2
17.5°	2232.0	2433.0	2524.8	2539.9	2524.8	2433.0	2232.0	1905.0	1630.3	1315.8	968.7
15°	3549.2	3889.4	4105.4	4244.4	4105.4	3889.4	3549.2	2990.5	2469.9	1976.9	1436.0
12.5°	5052.2	6018.8	6568.7	6778.4	6568.7	6018.8	5052.2	4171.3	3325.0	2582.0	1904.7
10°	7092.0	9367.4	10679.9	11340.4	10679.9	9367.4	7092.0	5651.0	4298.1	3198.5	2298.4
7.5°	10554.2	14068.5	17962.2	19763.6	17962.2	14068.5	10554.2	7214.5	5321.5	3864.8	2739.5
5°	14193.6	21909.6	28682.0	31925.1	28682.0	21909.6	14193.6	9616.7	6408.6	4456.8	3125.7
2.5°	18376.6	28782.4	38403.4	42448.9	38403.4	28782.4	18376.6	11374.4	7212.3	4809.3	3344.3
0°	19986.6	32107.6	42629.8	46600.5	42629.8	32107.6	19986.6	11752.7	7357.4	4935.8	3384.3
-2.5°	18625.5	29286.5	38568.7	43105.7	38568.7	29286.5	18625.5	11330.2	7277.9	4931.1	3416.2
-5°	14798.9	22030.4	28904.7	32601.8	28904.7	22030.4	14798.9	9972.0	6652.0	4633.6	3237.5
-7.5°	10861.5	14798.2	18616.0	19951.0	18616.0	14798.2	10861.5	7680.8	5624.6	4092.1	2941.3
-10°	7562.0	9816.3	11304.4	11729.0	11304.4	9816.3	7562.0	6039.5	4642.5	3506.8	2550.4
-12.5°	5606.4	6592.5	7278.6	7397.8	7278.6	6592.5	5606.4	4664.5	3699.2	2901.5	2193.6
-15°	4151.4	4652.8	5006.7	5030.5	5006.7	4652.8	4151.4	3581.5	2935.7	2330.1	1762.2
-17.5°	3034.7	3371.3	3549.9	3537.2	3549.9	3371.3	3034.7	2627.0	2244.4	1783.3	1366.0
-20°	2170.0	2372.9	2516.8	2488.6	2516.8	2372.9	2170.0	1898.5	1634.2	1310.0	1034.6



REPORT NUMBER: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	1513.1	1647.8	1732.1	1710.4	1732.1	1647.8	1513.1	1326.7	1143.6	957.5	756.1
-25°	1028.1	1101.5	1143.3	1136.3	1143.3	1101.5	1028.1	921.9	796.2	682.9	550.2
-27.5°	700.6	739.3	752.3	751.6	752.3	739.3	700.6	635.9	549.3	492.2	422.4
-30°	486.3	512.3	527.2	517.8	527.2	512.3	486.3	452.8	407.7	371.0	330.7
-32.5°	362.4	377.1	385.6	376.8	385.6	377.1	362.4	343.9	320.0	294.2	266.2
-35°	285.6	293.1	296.1	291.0	296.1	293.1	285.6	274.2	258.8	241.4	222.1
-37.5°	232.9	237.2	238.7	235.7	238.7	237.2	232.9	226.1	216.7	205.5	192.6
-40°	197.3	200.0	200.7	198.3	200.7	200.0	197.3	193.3	187.6	180.7	171.7
-42.5°	172.6	174.2	174.6	173.6	174.6	174.2	172.6	170.0	165.9	160.6	154.5
-45°	154.3	155.6	155.9	154.9	155.9	155.6	154.3	152.2	148.8	144.2	138.9
-47.5°	139.4	140.3	140.5	140.1	140.5	140.3	139.4	138.1	135.5	131.5	126.8
-50°	128.1	128.6	128.7	128.2	128.7	128.6	128.1	127.1	125.1	121.1	116.6
-52.5°	118.6	119.0	119.3	119.4	119.3	119.0	118.6	117.8	116.2	112.6	108.6
-55°	110.6	111.1	111.4	111.5	111.4	111.1	110.6	109.8	108.8	105.3	101.4
-57.5°	103.7	104.2	104.5	104.6	104.5	104.2	103.7	103.1	102.2	98.9	95.1
-60°	96.6	97.2	97.6	97.7	97.6	97.2	96.6	95.8	94.9	92.0	88.4
-62.5°	87.2	87.5	87.7	87.8	87.7	87.5	87.2	86.7	85.9	83.6	80.5
-65°	78.0	78.5	78.8	78.9	78.8	78.5	78.0	77.2	76.2	74.2	71.3
-67.5°	68.0	68.6	69.4	70.0	69.4	68.6	68.0	67.1	66.0	64.3	61.9
-70°	59.0	59.9	60.1	60.2	60.1	59.9	59.0	57.9	56.8	55.3	53.2
-72.5°	50.2	51.0	51.7	52.3	51.7	51.0	50.2	49.2	48.2	46.8	45.0
-75°	41.4	42.2	42.3	42.4	42.3	42.2	41.4	40.5	39.5	38.4	36.8
-77.5°	32.6	33.3	33.5	33.5	33.5	33.3	32.6	31.9	31.0	30.1	28.9
-80°	24.2	24.6	25.1	25.6	25.1	24.6	24.2	23.7	23.2	22.7	21.9
-82.5°	16.6	16.7	16.8	16.8	16.8	16.7	16.6	16.5	16.3	16.1	15.3
-85°	10.5	10.9	10.9	10.9	10.9	10.9	10.5	10.2	9.9	9.6	9.2
-87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.4
-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: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.0	1.1	1.1	1.0	0.8	0.5	0.6	0.7	0.5	0.1	0.3
60°	3.7	2.4	3.4	3.7	3.3	2.3	2.4	2.2	1.8	1.5	1.0
57.5°	12.1	11.7	9.6	8.3	7.9	7.0	5.8	4.6	4.1	3.3	2.3
55°	16.8	16.1	14.9	13.3	11.5	11.0	10.1	8.6	7.2	5.6	4.5
52.5°	20.6	20.8	20.1	18.3	16.6	15.6	14.2	12.9	11.2	9.6	7.5
50°	29.5	28.3	27.2	26.2	23.7	21.2	19.5	17.6	15.2	13.4	11.6
47.5°	37.6	35.9	34.8	33.3	30.5	27.9	25.2	22.6	19.6	16.8	15.0
45°	44.6	42.1	39.9	38.1	35.7	32.7	30.3	27.4	24.0	20.8	17.7
42.5°	51.6	48.0	45.0	43.2	40.2	37.2	34.4	32.2	28.5	24.7	21.7
40°	61.1	53.7	51.0	50.3	47.4	42.5	40.2	37.8	33.8	28.9	25.9
37.5°	76.6	66.7	61.9	59.4	56.8	51.8	47.2	44.0	40.4	34.9	30.6
35°	98.6	87.0	76.4	71.0	67.9	61.1	55.2	50.7	46.5	41.2	35.6
32.5°	117.9	104.8	92.2	82.6	75.8	69.5	62.9	57.4	51.9	46.4	41.0
30°	146.1	124.2	106.8	93.4	84.6	76.8	69.7	63.1	56.9	51.2	45.6
27.5°	184.3	149.5	125.8	106.9	93.8	84.5	76.5	68.7	61.6	55.5	49.8
25°	240.6	184.9	149.6	124.1	105.0	93.0	83.9	74.9	66.6	59.7	54.8
22.5°	321.4	245.3	187.1	142.6	121.3	106.2	92.7	81.4	71.9	65.7	60.0
20°	460.6	328.3	242.4	185.2	146.0	121.7	103.3	90.0	80.3	72.3	65.3
17.5°	698.5	483.9	313.8	238.4	182.8	145.0	118.4	100.8	88.6	79.0	70.6
15°	990.1	664.2	438.6	307.2	223.9	164.4	132.6	111.5	97.1	86.0	75.9
12.5°	1293.7	835.7	542.1	359.4	253.4	185.0	147.5	123.7	105.6	91.0	79.4
10°	1557.5	1012.0	646.3	421.1	286.7	204.8	159.4	131.4	110.7	94.7	82.4
7.5°	1848.9	1192.2	742.3	466.3	314.2	220.7	167.3	136.6	114.8	97.7	84.9
5°	2064.8	1329.8	823.4	507.5	335.0	232.8	173.5	140.2	118.1	100.2	86.9
2.5°	2209.6	1425.6	874.3	535.9	347.8	242.1	178.5	143.7	120.6	102.6	89.0
0°	2254.9	1435.2	913.4	553.4	356.1	250.5	182.5	147.0	122.3	104.6	90.7
-2.5°	2268.7	1451.7	909.4	557.2	359.0	255.0	184.1	147.6	123.6	105.3	91.0
-5°	2178.6	1409.1	889.1	553.3	356.8	255.0	186.9	148.6	124.3	105.5	90.8
-7.5°	2020.3	1317.2	835.7	528.2	346.5	250.9	188.9	150.0	125.0	106.3	91.5
-10°	1779.5	1169.7	752.7	486.1	329.2	243.1	187.1	149.3	124.6	106.2	91.6
-12.5°	1537.3	1004.5	645.2	427.2	301.2	228.7	180.0	146.2	123.0	105.1	91.2
-15°	1229.8	840.7	565.6	386.8	275.8	213.2	171.1	141.4	120.4	103.1	90.2
-17.5°	987.7	682.0	463.2	331.8	251.4	199.5	164.2	137.5	117.3	101.1	88.8
-20°	759.8	537.2	392.2	291.9	226.3	182.7	154.8	131.9	113.7	99.1	87.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	572.6	435.1	325.6	250.9	202.9	169.7	145.4	125.5	109.4	96.2	85.7
-25°	444.9	347.0	272.3	221.7	182.2	155.4	136.7	120.4	105.9	93.2	83.6
-27.5°	351.9	281.8	233.7	194.4	165.5	145.7	129.6	115.2	102.2	91.0	81.5
-30°	284.9	239.4	202.4	172.9	152.3	135.8	122.8	110.7	98.8	88.2	79.2
-32.5°	233.4	205.4	177.6	156.4	139.3	126.6	116.1	105.9	94.5	85.3	76.9
-35°	199.9	179.5	159.7	142.9	128.4	118.8	109.4	99.9	90.6	82.0	74.2
-37.5°	176.5	159.9	145.0	131.4	120.7	111.6	103.4	95.0	86.5	78.6	71.4
-40°	158.3	144.2	132.5	122.1	113.5	105.8	98.3	90.5	83.0	75.0	68.3
-42.5°	143.4	132.3	122.1	114.2	106.9	100.3	93.7	86.9	79.5	72.0	65.0
-45°	131.2	122.4	113.9	106.9	100.7	95.1	90.0	83.2	76.0	68.6	61.5
-47.5°	120.9	113.7	106.6	100.0	94.9	90.1	85.2	79.2	71.6	64.6	58.5
-50°	111.8	106.0	99.9	93.9	89.4	85.0	79.8	73.6	67.1	61.3	55.5
-52.5°	104.5	99.2	93.9	88.9	84.5	79.8	74.3	68.9	63.3	57.9	52.6
-55°	97.0	92.7	88.5	84.4	80.2	75.4	70.3	64.9	59.5	54.4	49.0
-57.5°	91.2	87.2	83.5	79.7	76.0	71.2	66.0	60.8	55.2	50.0	44.9
-60°	85.0	81.5	77.8	74.1	70.6	66.4	60.8	55.4	50.2	45.3	40.4
-62.5°	77.2	73.9	70.6	67.1	63.4	59.2	54.1	49.1	44.6	40.4	36.0
-65°	68.3	65.2	62.1	58.6	54.8	50.5	46.1	42.5	39.0	35.4	31.5
-67.5°	59.2	56.5	53.3	49.8	46.4	43.0	39.9	36.7	33.4	30.1	26.6
-70°	51.0	48.8	46.2	43.2	40.0	36.8	33.8	30.8	27.8	25.0	22.4
-72.5°	43.1	41.1	38.7	36.0	33.2	30.5	28.0	25.6	23.2	20.9	18.5
-75°	35.1	33.4	31.6	29.3	27.0	24.8	22.7	20.8	18.8	16.8	14.8
-77.5°	27.7	26.5	25.1	23.3	21.6	19.8	18.0	16.3	14.7	13.1	11.7
-80°	21.0	20.0	19.0	17.6	16.1	14.7	13.3	12.1	11.0	10.1	9.1
-82.5°	14.6	13.9	13.1	12.1	11.1	10.1	9.1	8.4	7.7	7.0	6.3
-85°	8.8	8.4	7.9	7.4	6.8	6.3	5.8	5.4	5.0	4.6	4.2
-87.5°	4.1	3.8	3.5	3.5	3.4	3.3	3.2	2.9	2.6	2.4	2.1
-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: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.4	0.4	0.3
67.5°	0.0	0.0	0.0	0.2	0.3	0.3	0.1	0.2	0.4	0.6	0.6
65°	0.3	0.2	0.0	0.3	0.5	0.6	0.5	0.3	0.4	0.7	0.8
62.5°	0.6	0.8	0.6	0.4	0.6	0.8	0.9	0.6	0.5	0.7	0.9
60°	0.7	0.9	1.0	0.8	0.7	0.8	1.0	0.9	0.7	0.8	1.0
57.5°	1.8	1.1	1.1	1.1	0.9	0.9	1.0	1.0	0.9	0.8	1.0
55°	3.3	2.4	1.7	1.4	1.1	1.0	1.0	1.0	1.0	0.9	1.0
52.5°	5.6	4.1	3.0	2.0	1.5	1.1	1.1	1.0	1.0	1.0	1.0
50°	8.9	6.4	4.7	3.4	2.1	1.7	1.3	1.2	1.0	1.0	1.0
47.5°	13.0	9.6	6.9	4.9	3.5	2.2	1.8	1.4	1.0	1.0	1.0
45°	16.1	13.4	9.6	6.9	4.9	3.4	2.4	1.6	1.2	1.0	1.0
42.5°	19.1	16.7	13.0	8.9	6.7	4.6	3.0	2.2	1.5	1.1	1.0
40°	23.0	19.9	16.3	12.1	8.7	5.9	4.1	2.8	1.8	1.3	1.1
37.5°	26.9	23.5	19.6	15.2	11.0	7.8	5.2	3.4	2.3	1.6	1.2
35°	31.4	27.2	22.8	18.2	13.7	9.8	6.2	4.2	2.9	2.0	1.3
32.5°	35.8	30.8	25.8	21.0	16.2	11.8	7.7	5.2	3.5	2.3	1.5
30°	40.2	34.3	28.6	23.8	18.6	14.0	9.6	6.4	4.1	2.7	1.7
27.5°	44.1	37.8	31.3	26.2	21.0	16.0	11.5	7.6	4.6	3.2	2.0
25°	48.3	41.4	34.4	28.4	23.2	18.0	13.2	8.8	5.4	3.6	2.3
22.5°	53.0	44.9	37.3	30.4	25.6	20.0	14.9	10.3	6.4	4.1	2.6
20°	58.0	48.5	40.3	33.2	27.8	22.1	16.6	11.7	7.4	4.5	2.9
17.5°	63.2	52.4	43.9	36.4	30.1	24.0	18.2	13.0	8.5	4.9	3.2
15°	66.7	56.2	47.1	39.4	32.3	25.8	19.7	14.2	9.5	5.3	3.5
12.5°	69.6	59.6	49.9	42.1	34.5	27.4	21.1	15.2	10.4	5.8	3.8
10°	72.2	62.4	52.4	44.6	36.6	28.9	22.4	16.1	11.3	6.4	4.1
7.5°	74.4	64.8	54.6	46.9	38.6	30.3	23.4	16.9	12.1	7.1	4.3
5°	76.3	66.8	56.4	48.4	40.4	31.9	24.3	17.6	12.8	7.7	4.5
2.5°	77.8	68.6	57.9	49.5	42.0	33.3	25.0	18.2	13.3	8.3	4.7
0°	78.9	70.0	59.2	50.3	43.4	34.5	25.6	18.7	13.8	8.9	4.9
-2.5°	79.6	70.2	60.5	51.2	44.2	35.5	26.8	19.3	14.2	9.4	5.2
-5°	79.9	70.2	61.5	52.0	44.8	36.4	27.8	19.9	14.5	9.8	5.5
-7.5°	80.4	70.5	62.1	52.5	45.3	37.0	28.6	20.3	14.7	10.2	5.7
-10°	80.5	70.9	62.2	53.2	45.6	37.5	29.1	20.5	14.8	10.4	5.9
-12.5°	80.3	70.8	62.2	53.6	45.7	37.8	29.4	20.9	15.0	10.6	6.1
-15°	79.7	70.4	62.0	53.7	45.7	37.9	29.5	21.3	15.3	10.6	6.3
-17.5°	78.7	69.6	61.8	53.3	45.5	37.8	29.4	21.5	15.4	10.5	6.4
-20°	77.7	68.8	61.5	52.6	45.2	37.6	29.1	21.4	15.4	10.4	6.6

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REPORT NUMBER: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-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°	76.4	68.1	60.4	51.9	44.7	37.3	28.7	21.2	15.3	10.2	6.6
-25°	74.8	67.1	59.2	51.4	44.1	36.6	28.3	20.7	14.9	9.8	6.7
-27.5°	73.2	65.6	57.8	50.6	43.2	35.7	27.6	20.3	14.4	9.4	6.6
-30°	71.3	64.0	56.7	49.5	42.0	34.5	26.7	19.6	13.9	9.2	6.6
-32.5°	69.2	62.4	55.4	47.9	40.5	33.2	25.6	18.7	13.2	9.1	6.5
-35°	67.1	60.6	53.8	46.0	38.9	31.7	24.4	17.5	12.5	8.9	6.4
-37.5°	64.7	58.3	51.3	43.9	37.2	30.2	23.3	16.8	11.7	8.7	6.3
-40°	62.0	55.6	48.4	41.9	35.3	28.5	22.1	16.2	11.2	8.4	6.2
-42.5°	58.9	52.5	46.1	39.8	33.4	27.1	20.9	15.4	11.0	8.1	6.0
-45°	55.7	49.7	43.9	37.7	31.5	25.6	19.8	14.5	10.7	7.9	5.8
-47.5°	52.7	47.3	41.5	35.5	29.8	24.1	18.6	14.0	10.3	7.6	5.6
-50°	50.1	44.7	38.9	33.1	27.8	22.6	17.4	13.3	9.9	7.3	5.3
-52.5°	47.2	41.7	36.0	30.6	25.7	20.9	16.4	12.4	9.3	6.9	5.0
-55°	43.7	38.3	32.8	28.1	23.5	19.3	15.1	11.5	8.6	6.5	4.7
-57.5°	39.7	34.4	29.9	25.6	21.3	17.5	13.8	10.5	8.0	6.0	4.3
-60°	35.5	31.2	27.2	22.9	19.0	15.5	12.2	9.4	7.3	5.5	3.9
-62.5°	31.8	27.9	23.9	20.1	16.6	13.5	10.6	8.5	6.6	5.0	3.5
-65°	27.7	24.0	20.4	17.2	14.2	11.5	9.5	7.6	5.9	4.4	3.1
-67.5°	23.2	20.3	17.3	14.4	12.2	10.2	8.3	6.6	5.1	3.7	2.8
-70°	19.6	16.9	14.4	12.4	10.5	8.7	7.1	5.6	4.2	3.3	2.6
-72.5°	16.2	14.1	12.2	10.4	8.8	7.2	5.8	4.6	3.7	2.9	2.3
-75°	12.9	11.4	9.9	8.3	6.9	5.7	4.8	3.9	3.1	2.5	2.0
-77.5°	10.4	9.0	7.6	6.5	5.6	4.8	3.9	3.1	2.6	2.2	1.7
-80°	8.0	7.0	6.1	5.4	4.6	3.9	3.2	2.6	2.2	1.8	1.4
-82.5°	5.7	5.2	4.7	4.3	3.7	3.2	2.7	2.2	1.9	1.5	1.1
-85°	3.9	3.7	3.5	3.3	2.9	2.5	2.1	1.7	1.3	1.0	0.7
-87.5°	2.0	1.9	1.8	1.7	1.5	1.2	1.0	0.8	0.7	0.5	0.4
-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: P626618 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0.0	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	0.1	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.3	0.3	0.1	0.1	0.2	0.0
65°	0.6	0.4	0.4	0.2	0.1	0.2	0.0
62.5°	0.8	0.6	0.5	0.3	0.1	0.3	0.0
60°	1.0	0.7	0.6	0.4	0.1	0.3	0.0
57.5°	1.0	0.8	0.7	0.5	0.2	0.3	0.0
55°	1.0	0.9	0.8	0.6	0.3	0.3	0.0
52.5°	1.0	1.0	0.8	0.7	0.4	0.4	0.0
50°	1.0	1.0	0.9	0.9	0.5	0.4	0.0
47.5°	1.0	1.0	0.9	0.9	0.5	0.4	0.0
45°	1.0	1.0	1.0	1.0	0.6	0.5	0.0
42.5°	1.0	1.0	1.0	1.0	0.6	0.5	0.0
40°	1.0	1.0	1.0	1.0	0.7	0.5	0.0
37.5°	1.0	1.0	1.0	1.0	0.7	0.6	0.0
35°	1.0	1.0	1.0	1.0	0.8	0.6	0.0
32.5°	1.0	1.0	1.0	1.0	0.8	0.6	0.0
30°	1.1	1.0	1.0	1.0	0.9	0.6	0.0
27.5°	1.2	1.0	1.0	1.0	0.9	0.7	0.0
25°	1.4	1.0	1.0	1.0	0.9	0.7	0.0
22.5°	1.5	1.0	1.0	1.0	0.9	0.7	0.0
20°	1.6	1.1	1.0	1.0	1.0	0.8	0.0
17.5°	1.8	1.2	1.0	1.0	1.0	0.8	0.0
15°	2.0	1.3	1.0	1.0	1.0	0.8	0.0
12.5°	2.2	1.4	1.0	1.0	1.0	0.9	0.0
10°	2.4	1.5	1.0	1.0	1.0	0.9	0.0
7.5°	2.5	1.6	1.0	1.0	1.0	0.9	0.0
5°	2.7	1.8	1.0	1.0	1.0	1.0	0.0
2.5°	2.9	1.9	1.0	1.0	1.0	1.0	0.0
0°	3.0	2.0	1.0	1.0	1.0	1.0	0.0
-2.5°	3.2	2.1	1.1	1.0	1.0	1.0	0.0
-5°	3.5	2.2	1.2	1.0	1.0	1.0	0.0
-7.5°	3.7	2.3	1.3	1.0	1.0	1.0	0.0
-10°	3.9	2.4	1.3	1.0	1.0	1.0	0.0
-12.5°	4.0	2.4	1.4	1.0	1.0	1.0	0.0
-15°	4.1	2.5	1.5	1.0	1.0	1.0	0.0
-17.5°	4.2	2.5	1.5	1.0	1.0	1.0	0.0
-20°	4.3	2.6	1.5	1.0	1.0	0.9	0.0

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CATALOG NUMBER: GFLD-SA1B-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.4	2.6	1.5	1.0	1.0	0.9	0.0
-25°	4.4	2.6	1.5	1.0	1.0	0.9	0.0
-27.5°	4.4	2.7	1.5	1.0	1.0	0.9	0.0
-30°	4.4	2.7	1.5	1.0	1.0	0.9	0.0
-32.5°	4.3	2.8	1.5	1.0	1.0	0.8	0.0
-35°	4.3	2.8	1.4	1.0	1.0	0.8	0.0
-37.5°	4.3	2.7	1.4	1.0	1.0	0.8	0.0
-40°	4.2	2.7	1.4	1.0	1.0	0.8	0.0
-42.5°	4.1	2.6	1.3	1.0	1.0	0.7	0.0
-45°	4.0	2.5	1.4	1.0	1.0	0.7	0.0
-47.5°	3.8	2.4	1.4	1.1	1.0	0.7	0.0
-50°	3.6	2.2	1.4	1.1	1.0	0.6	0.0
-52.5°	3.4	2.0	1.4	1.1	1.0	0.6	0.0
-55°	3.2	2.0	1.4	1.1	1.0	0.6	0.0
-57.5°	2.9	1.9	1.4	1.1	1.0	0.5	0.0
-60°	2.6	1.9	1.4	1.1	1.0	0.5	0.0
-62.5°	2.5	1.8	1.3	1.1	0.9	0.5	0.0
-65°	2.3	1.7	1.3	1.0	0.8	0.4	0.0
-67.5°	2.1	1.6	1.2	1.0	0.8	0.4	0.0
-70°	1.9	1.5	1.2	1.0	0.7	0.3	0.0
-72.5°	1.7	1.3	1.1	0.9	0.6	0.3	0.0
-75°	1.5	1.2	1.0	0.8	0.5	0.3	0.0
-77.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	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)