

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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626738 (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-SA1D-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: 6852 lumens
Efficiency: N/A
Efficacy: 119.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 69456.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 2187.5 lumens
Beam Efficiency: 31.9%

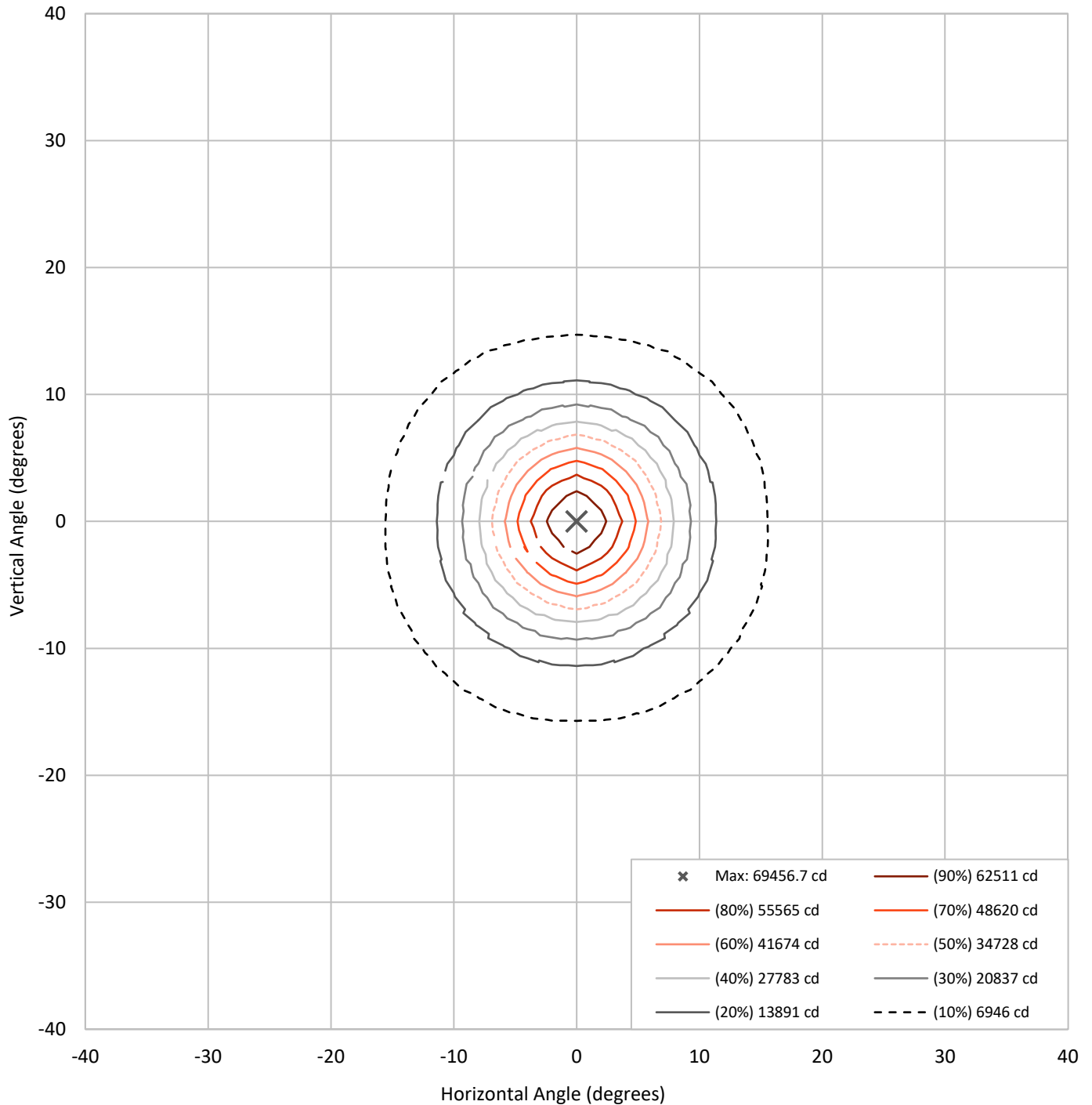
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 4872.2 lumens
Field Efficiency: 71.1%

Input Watts (W): 57.3
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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





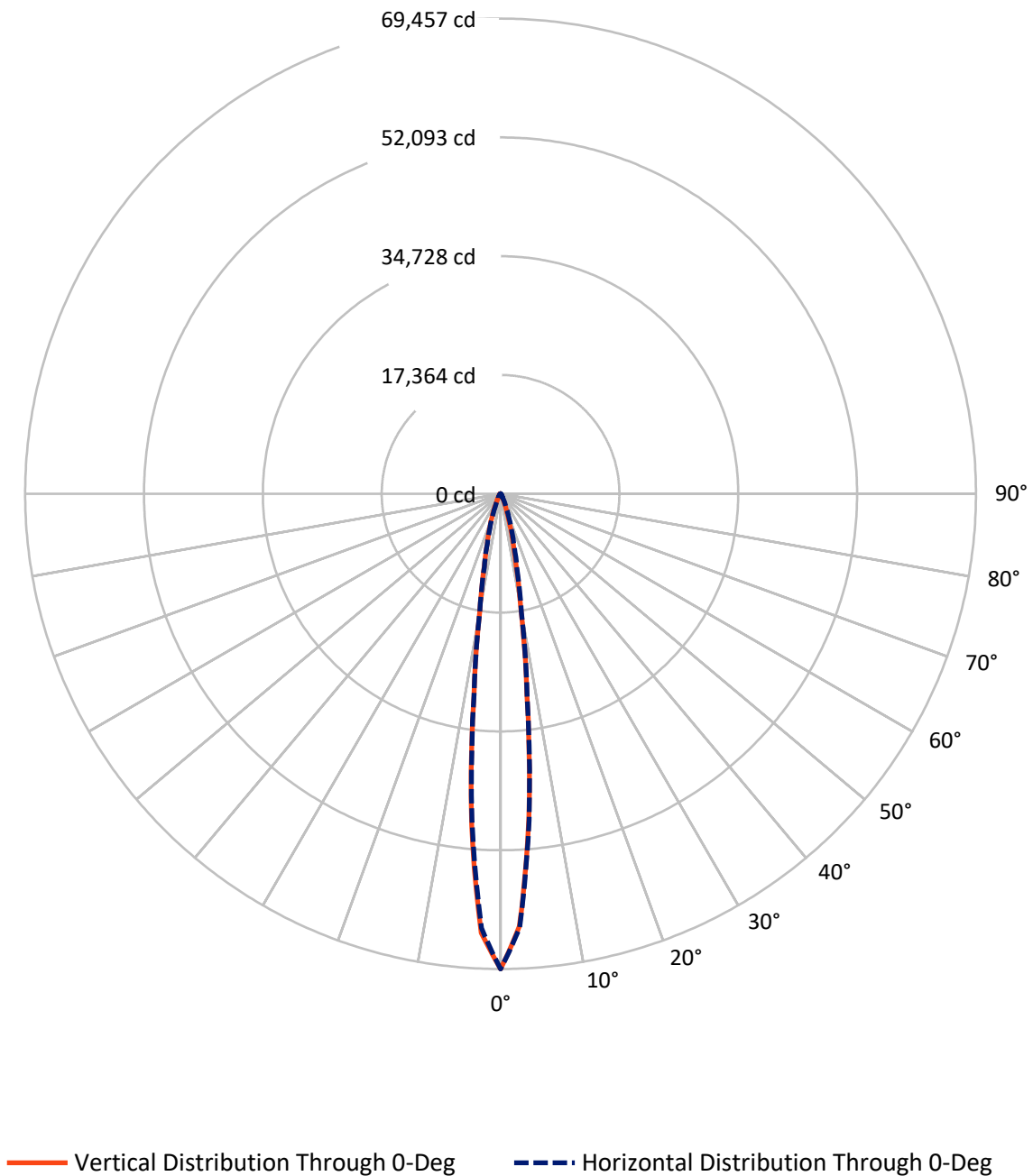
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			
70																			
60	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			
50		0.0	0.0	0.2	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.2	0.0	0.0				
40	0.0	0.0	0.2	0.6	1.1	1.6	2.3	2.7	2.7	2.3	1.6	1.1	0.6	0.2	0.0	0.0			
30		0.1	0.5	1.2	2.1	3.3	5.6	7.1	7.1	5.6	3.3	2.1	1.2	0.5	0.1				
20	0.1	0.2	0.8	1.8	3.2	7.0	18.6	30.8	30.8	18.6	7.0	3.2	1.8	0.8	0.2	0.1			
10		0.3	1.0	2.4	5.3	20.8	87.8	193.1	193.1	87.8	20.8	5.3	2.4	1.0	0.3				
0	0.1	0.4	1.3	2.9	7.2	39.1	210.5	943.9	943.9	210.5	39.1	7.2	2.9	1.3	0.4	0.1			
-10		0.4	1.4	3.0	7.7	41.7	217.9	959.9	959.9	217.9	41.7	7.7	3.0	1.4	0.4				
-20	0.1	0.4	1.4	3.0	6.8	26.5	105.8	226.2	226.2	105.8	26.5	6.8	3.0	1.4	0.4	0.1			
-30		0.4	1.4	2.7	5.2	12.4	32.6	54.3	54.3	32.6	12.4	5.2	2.7	1.4	0.4				
-40	0.1	0.4	1.2	2.4	4.1	6.8	11.1	14.1	14.1	11.1	6.8	4.1	2.4	1.2	0.4	0.1			
-50		0.3	1.0	2.0	3.3	4.8	6.4	7.1	7.1	6.4	4.8	3.3	2.0	1.0	0.3				
-60	0.1	0.2	0.7	1.6	2.6	3.7	4.6	5.0	5.0	4.6	3.7	2.6	1.6	0.7	0.2	0.1			
-70		0.2	0.5	1.0	1.7	2.5	3.2	3.5	3.5	3.2	2.5	1.7	1.0	0.5	0.2				
-80	0.0	0.4		1.7		3.8		4.8		3.8		1.7		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

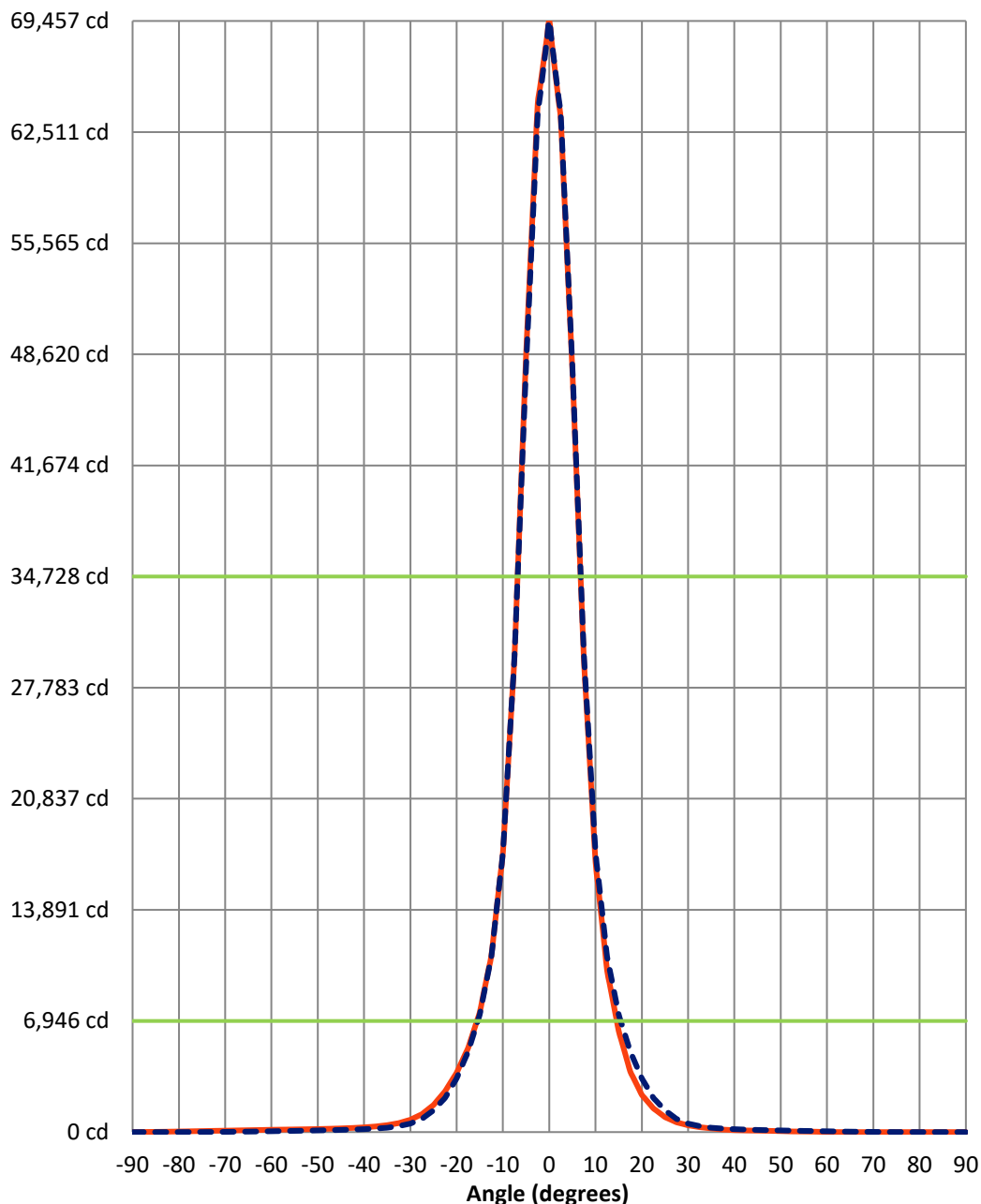
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 2187.5
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 4872.2
Efficiency: 71.1%

Spill:
Lumens: 1979.8
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	0.5	0.6	0.6	0.2
67.5°	0.0	0.3	0.1	0.2	0.5	0.5	0.5	0.8	1.0	0.6	0.3
65°	0.0	0.3	0.1	0.3	0.6	0.6	0.9	1.2	1.0	0.7	0.5
62.5°	0.0	0.4	0.2	0.5	0.8	0.9	1.2	1.4	1.1	0.8	0.9
60°	0.0	0.4	0.2	0.6	0.9	1.0	1.5	1.5	1.1	1.1	1.4
57.5°	0.0	0.5	0.3	0.8	1.1	1.2	1.5	1.5	1.3	1.3	1.5
55°	0.0	0.5	0.5	1.0	1.2	1.4	1.5	1.5	1.4	1.5	1.5
52.5°	0.0	0.6	0.6	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
50°	0.0	0.6	0.7	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.7
47.5°	0.0	0.6	0.8	1.4	1.4	1.5	1.5	1.5	1.5	1.5	2.0
45°	0.0	0.7	0.9	1.5	1.4	1.5	1.5	1.5	1.5	1.8	2.4
42.5°	0.0	0.7	1.0	1.5	1.5	1.5	1.5	1.6	1.6	2.2	3.2
40°	0.0	0.8	1.0	1.5	1.5	1.5	1.5	1.7	1.9	2.7	4.2
37.5°	0.0	0.8	1.1	1.5	1.5	1.5	1.5	1.8	2.4	3.4	5.2
35°	0.0	0.9	1.2	1.5	1.5	1.5	1.5	2.0	2.9	4.3	6.4
32.5°	0.0	0.9	1.2	1.5	1.5	1.5	1.5	2.2	3.5	5.2	7.9
30°	0.0	1.0	1.3	1.5	1.5	1.5	1.7	2.4	4.1	6.1	9.5
27.5°	0.0	1.0	1.3	1.5	1.5	1.5	1.8	2.9	4.7	6.9	11.3
25°	0.0	1.1	1.4	1.5	1.5	1.5	2.0	3.4	5.4	8.1	13.2
22.5°	0.0	1.1	1.4	1.5	1.5	1.5	2.2	3.9	6.1	9.6	15.4
20°	0.0	1.2	1.4	1.5	1.5	1.6	2.4	4.3	6.7	11.1	17.5
17.5°	0.0	1.2	1.5	1.5	1.5	1.8	2.6	4.8	7.3	12.6	19.4
15°	0.0	1.3	1.5	1.5	1.5	1.9	2.9	5.3	7.9	14.1	21.1
12.5°	0.0	1.3	1.5	1.5	1.5	2.1	3.2	5.7	8.6	15.5	22.7
10°	0.0	1.3	1.5	1.5	1.5	2.2	3.5	6.1	9.5	16.9	24.0
7.5°	0.0	1.4	1.5	1.5	1.5	2.4	3.7	6.5	10.5	18.1	25.2
5°	0.0	1.4	1.5	1.5	1.5	2.6	4.0	6.8	11.5	19.1	26.3
2.5°	0.0	1.5	1.5	1.5	1.5	2.7	4.2	7.1	12.4	19.9	27.1
0°	0.0	1.5	1.5	1.5	1.5	2.9	4.4	7.4	13.2	20.6	27.9
-2.5°	0.0	1.5	1.5	1.5	1.6	3.1	4.8	7.8	14.0	21.1	28.8
-5°	0.0	1.5	1.5	1.5	1.7	3.2	5.2	8.2	14.6	21.6	29.6
-7.5°	0.0	1.5	1.5	1.5	1.9	3.3	5.5	8.6	15.1	21.9	30.2
-10°	0.0	1.5	1.5	1.5	2.0	3.4	5.8	8.9	15.5	22.1	30.6
-12.5°	0.0	1.5	1.5	1.5	2.1	3.5	6.0	9.2	15.8	22.3	31.1
-15°	0.0	1.4	1.5	1.5	2.1	3.6	6.2	9.4	15.8	22.8	31.7
-17.5°	0.0	1.4	1.5	1.5	2.2	3.7	6.3	9.6	15.7	23.0	31.9
-20°	0.0	1.4	1.5	1.5	2.2	3.7	6.4	9.8	15.5	23.0	31.9

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CATALOG NUMBER: GFLD-SA1D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	1.5	1.5	2.2	3.8	6.5	9.9	15.1	22.7	31.5
-25°	0.0	1.4	1.5	1.5	2.2	3.9	6.5	10.0	14.7	22.2	30.8
-27.5°	0.0	1.3	1.5	1.5	2.2	4.0	6.5	9.9	14.1	21.5	30.2
-30°	0.0	1.3	1.5	1.5	2.2	4.0	6.5	9.8	13.8	20.7	29.2
-32.5°	0.0	1.3	1.5	1.5	2.2	4.1	6.4	9.7	13.6	19.7	27.8
-35°	0.0	1.2	1.5	1.5	2.1	4.1	6.4	9.6	13.3	18.7	26.0
-37.5°	0.0	1.2	1.5	1.5	2.1	4.0	6.4	9.4	12.9	17.5	25.0
-40°	0.0	1.1	1.5	1.5	2.0	4.0	6.3	9.2	12.4	16.7	24.1
-42.5°	0.0	1.1	1.5	1.5	2.0	3.8	6.2	8.9	12.1	16.4	22.9
-45°	0.0	1.1	1.5	1.6	2.1	3.7	6.0	8.6	11.7	15.9	21.7
-47.5°	0.0	1.0	1.5	1.6	2.1	3.5	5.7	8.4	11.3	15.2	20.8
-50°	0.0	1.0	1.5	1.6	2.1	3.3	5.5	8.0	10.9	14.7	19.8
-52.5°	0.0	0.9	1.5	1.6	2.1	3.0	5.1	7.6	10.4	13.9	18.5
-55°	0.0	0.9	1.5	1.6	2.1	2.9	4.7	7.1	9.8	12.8	17.1
-57.5°	0.0	0.8	1.5	1.6	2.1	2.8	4.3	6.5	9.1	11.9	15.6
-60°	0.0	0.7	1.5	1.6	2.0	2.7	3.8	5.9	8.3	11.0	13.9
-62.5°	0.0	0.7	1.4	1.6	2.0	2.6	3.6	5.2	7.4	9.9	12.7
-65°	0.0	0.6	1.3	1.6	1.9	2.5	3.4	4.6	6.5	8.8	11.4
-67.5°	0.0	0.6	1.1	1.5	1.8	2.3	3.1	4.2	5.5	7.6	9.9
-70°	0.0	0.5	1.0	1.5	1.7	2.2	2.8	3.7	4.9	6.3	8.4
-72.5°	0.0	0.5	0.9	1.3	1.6	2.0	2.5	3.3	4.3	5.5	6.9
-75°	0.0	0.4	0.8	1.2	1.5	1.8	2.2	2.9	3.6	4.6	5.8
-77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.5	3.1	3.8	4.6
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.1	2.7	3.3	3.9
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.6	2.2	2.7	3.3
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	1.9	2.4
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.2
-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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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	1.0	0.7	0.4	0.0	0.4	0.5	0.4	0.0	0.0	0.0
62.5°	1.4	1.2	0.8	0.6	0.8	1.1	0.9	0.5	0.1	0.7	1.0
60°	1.5	1.3	1.1	1.2	1.5	1.3	1.0	1.4	2.1	2.7	3.3
57.5°	1.5	1.4	1.4	1.6	1.7	1.7	2.6	3.4	4.9	6.1	6.9
55°	1.5	1.5	1.7	2.0	2.5	3.5	4.8	6.8	8.4	10.8	12.8
52.5°	1.7	1.7	2.2	3.0	4.5	6.1	8.4	11.1	14.3	16.6	19.1
50°	1.9	2.4	3.1	5.1	7.0	9.6	13.3	17.4	20.0	22.7	26.2
47.5°	2.6	3.3	5.2	7.4	10.2	14.3	19.5	22.4	25.0	29.2	33.6
45°	3.5	5.0	7.3	10.3	14.2	19.9	24.0	26.4	30.9	35.8	40.8
42.5°	4.5	6.9	10.0	13.2	19.4	24.8	28.5	32.3	36.9	42.5	48.0
40°	6.1	8.8	13.0	18.0	24.3	29.6	34.2	38.6	43.1	50.4	56.3
37.5°	7.8	11.6	16.3	22.6	29.2	34.9	40.1	45.6	52.0	60.3	65.6
35°	9.3	14.6	20.4	27.0	34.0	40.5	46.7	53.1	61.4	69.3	75.6
32.5°	11.6	17.6	24.1	31.3	38.5	45.9	53.4	61.0	69.2	77.3	85.6
30°	14.3	20.8	27.7	35.4	42.6	51.2	59.9	67.9	76.2	84.7	94.1
27.5°	17.2	23.8	31.3	39.1	46.6	56.4	65.8	74.2	82.7	91.8	102.5
25°	19.7	26.9	34.6	42.3	51.2	61.7	71.9	81.7	88.9	99.3	111.8
22.5°	22.2	29.8	38.2	45.2	55.6	67.0	78.9	89.5	98.0	107.3	121.4
20°	24.7	32.9	41.5	49.4	60.1	72.3	86.5	97.3	107.8	119.8	134.3
17.5°	27.1	35.8	44.8	54.2	65.4	78.1	94.2	105.2	117.8	132.1	150.3
15°	29.3	38.4	48.1	58.6	70.2	83.9	99.4	113.2	128.2	144.8	166.3
12.5°	31.4	40.8	51.3	62.8	74.5	88.9	103.8	118.4	135.7	157.4	184.4
10°	33.3	43.0	54.5	66.5	78.2	93.1	107.7	122.9	141.1	165.0	195.9
7.5°	34.9	45.2	57.4	69.9	81.4	96.5	111.0	126.5	145.6	171.2	203.6
5°	36.2	47.5	60.2	72.2	84.0	99.5	113.8	129.4	149.3	176.1	209.1
2.5°	37.3	49.6	62.6	73.8	86.3	102.3	116.0	132.7	152.9	179.9	214.3
0°	38.2	51.5	64.7	75.0	88.2	104.4	117.6	135.3	155.8	182.3	219.1
-2.5°	40.0	53.0	65.9	76.4	90.2	104.8	118.7	135.6	156.9	184.2	220.0
-5°	41.5	54.2	66.8	77.4	91.8	104.7	119.2	135.3	157.3	185.3	221.6
-7.5°	42.7	55.2	67.4	78.3	92.6	105.2	119.8	136.4	158.5	186.3	223.6
-10°	43.4	55.8	67.9	79.3	92.8	105.7	120.1	136.6	158.3	185.7	222.5
-12.5°	43.8	56.2	68.1	79.9	92.7	105.6	119.7	135.9	156.7	183.4	218.0
-15°	43.9	56.4	68.1	79.9	92.5	105.0	118.7	134.4	153.7	179.4	210.8
-17.5°	43.8	56.3	67.8	79.5	92.2	103.8	117.3	132.3	150.8	174.8	205.0
-20°	43.4	56.0	67.3	78.4	91.7	102.7	115.8	130.3	147.7	169.5	196.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	42.8	55.5	66.6	77.3	90.0	101.6	113.9	127.8	143.3	163.0	187.0
-25°	42.0	54.4	65.6	76.5	88.2	100.0	111.5	124.7	139.0	157.9	179.5
-27.5°	41.1	53.2	64.4	75.3	86.2	97.9	109.1	121.5	135.7	152.3	171.7
-30°	39.8	51.4	62.6	73.8	84.5	95.5	106.3	118.2	131.5	147.2	165.0
-32.5°	38.1	49.4	60.3	71.4	82.6	93.0	103.2	114.6	127.1	140.9	157.9
-35°	36.3	47.2	57.9	68.5	80.2	90.3	100.1	110.6	122.2	135.0	148.8
-37.5°	34.7	44.9	55.3	65.3	76.4	86.9	96.5	106.4	117.2	128.9	141.5
-40°	32.9	42.5	52.6	62.3	72.1	82.8	92.4	101.9	111.9	123.7	134.8
-42.5°	31.1	40.4	49.8	59.3	68.6	78.2	87.8	96.9	107.4	118.6	129.5
-45°	29.6	38.2	46.9	56.2	65.3	74.0	83.0	91.6	102.2	113.4	124.1
-47.5°	27.8	36.0	44.4	52.8	61.8	70.5	78.5	87.2	96.3	106.8	118.1
-50°	26.0	33.7	41.5	49.4	57.9	66.6	74.7	82.8	91.3	100.0	109.7
-52.5°	24.4	31.2	38.4	45.6	53.7	62.1	70.4	78.4	86.3	94.5	102.7
-55°	22.5	28.7	35.1	41.9	49.0	57.0	65.2	73.1	81.1	88.7	96.8
-57.5°	20.5	26.0	31.8	38.2	44.7	51.3	59.2	67.0	74.5	82.2	90.6
-60°	18.1	23.1	28.4	34.2	40.5	46.6	53.0	60.2	67.5	74.8	82.5
-62.5°	15.7	20.0	24.8	29.9	35.7	41.7	47.5	53.7	60.2	66.5	73.2
-65°	14.1	17.2	21.2	25.7	30.4	35.8	41.3	47.0	52.8	58.1	63.3
-67.5°	12.4	15.2	18.1	21.5	25.8	30.3	34.7	39.8	44.9	49.9	54.7
-70°	10.6	13.0	15.6	18.4	21.5	25.2	29.3	33.4	37.3	41.5	46.0
-72.5°	8.7	10.8	13.1	15.5	18.1	21.0	24.2	27.7	31.2	34.6	38.1
-75°	7.1	8.5	10.4	12.4	14.7	17.0	19.3	22.0	25.0	28.0	31.0
-77.5°	5.9	7.2	8.4	9.7	11.3	13.4	15.4	17.5	19.6	21.8	24.3
-80°	4.8	5.8	6.9	8.1	9.2	10.4	11.9	13.5	14.9	16.4	18.1
-82.5°	3.9	4.7	5.6	6.5	7.1	7.8	8.5	9.5	10.4	11.5	12.5
-85°	3.0	3.6	4.2	4.8	5.1	5.4	5.8	6.2	6.8	7.5	8.1
-87.5°	1.5	1.8	2.2	2.5	2.7	2.8	3.0	3.1	3.5	3.9	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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	0.8	0.7	1.1	1.5	1.7	1.6	1.5	1.3	1.2	1.1	1.2
60°	3.5	3.4	4.8	5.5	5.0	3.5	5.5	6.5	6.3	5.4	5.4
57.5°	8.6	10.5	11.9	12.4	14.3	17.5	18.1	17.1	16.7	17.1	19.7
55°	15.0	16.4	17.2	19.9	22.3	24.0	25.0	26.0	27.5	29.4	31.3
52.5°	21.1	23.2	24.8	27.2	30.0	31.0	30.7	34.4	37.2	39.0	39.7
50°	29.0	31.6	35.3	39.0	40.7	42.2	43.9	46.9	51.2	56.6	59.7
47.5°	37.5	41.6	45.4	49.7	51.9	53.6	56.0	61.2	67.5	73.3	76.3
45°	45.2	48.8	53.2	56.9	59.6	62.8	66.4	71.2	78.1	84.2	88.4
42.5°	51.4	55.4	59.9	64.4	67.1	71.5	77.0	83.4	90.7	97.0	101.6
40°	60.0	63.4	70.6	74.9	75.9	80.0	91.0	99.8	108.0	115.8	119.6
37.5°	70.4	77.1	84.6	88.4	92.2	99.4	114.2	128.3	138.8	149.3	155.1
35°	82.2	91.1	101.3	105.8	113.9	129.7	146.9	166.6	191.0	201.2	210.6
32.5°	93.8	103.6	113.0	123.2	137.4	156.2	175.7	207.5	237.3	260.3	277.1
30°	104.0	114.4	126.0	139.2	159.2	185.2	217.7	258.9	300.8	337.3	368.3
27.5°	114.1	125.9	139.8	159.4	187.6	222.8	274.7	333.5	403.5	455.0	516.5
25°	125.1	138.7	156.5	184.9	222.9	275.5	358.6	454.0	568.8	661.7	759.1
22.5°	138.2	158.3	180.8	212.5	278.9	365.6	479.1	642.2	818.7	981.8	1139.0
20°	154.0	181.4	217.6	275.9	361.2	489.4	686.5	946.8	1206.4	1482.8	1748.9
17.5°	176.6	216.1	272.3	355.3	467.7	721.3	1041.1	1443.8	1961.1	2429.9	2839.2
15°	197.7	245.0	333.7	457.8	653.8	989.9	1475.6	2140.3	2946.5	3681.3	4457.4
12.5°	219.9	275.8	377.7	535.7	807.9	1245.6	1928.2	2838.9	3848.4	4955.7	6217.2
10°	237.5	305.3	427.4	627.7	963.3	1508.3	2321.4	3425.8	4767.3	6406.2	8422.6
7.5°	249.4	329.0	468.4	695.0	1106.3	1777.0	2755.7	4083.2	5760.3	7931.5	10753.0
5°	258.7	347.1	499.3	756.4	1227.3	1982.0	3077.5	4658.8	6642.8	9551.8	14333.4
2.5°	266.1	360.9	518.3	798.7	1303.2	2124.8	3293.4	4984.6	7168.2	10749.8	16953.2
0°	272.0	373.4	530.7	824.8	1361.4	2139.1	3360.8	5044.2	7356.7	10966.0	17517.1
-2.5°	274.5	380.2	535.0	830.5	1355.5	2163.6	3381.4	5091.8	7349.7	10847.5	16887.4
-5°	278.6	380.1	531.8	824.7	1325.1	2100.2	3247.1	4825.3	6906.3	9914.6	14863.0
-7.5°	281.6	374.0	516.4	787.3	1245.6	1963.2	3011.1	4383.9	6099.2	8383.4	11448.1
-10°	278.9	362.3	490.7	724.6	1121.9	1743.4	2652.3	3801.2	5226.8	6919.5	9001.7
-12.5°	268.4	340.9	448.9	636.8	961.7	1497.2	2291.3	3269.5	4324.7	5513.5	6952.3
-15°	255.1	317.7	411.1	576.6	843.0	1253.1	1832.9	2626.4	3472.9	4375.5	5338.1
-17.5°	244.8	297.3	374.7	494.5	690.5	1016.5	1472.2	2035.9	2658.0	3345.2	3915.5
-20°	230.8	272.3	337.2	435.1	584.6	800.7	1132.5	1542.1	1952.5	2435.7	2829.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	216.8	253.0	302.3	373.9	485.2	648.5	853.5	1126.9	1427.1	1704.4	1977.4
-25°	203.8	231.6	271.6	330.3	405.8	517.2	663.1	820.0	1017.8	1186.7	1374.0
-27.5°	193.3	217.2	246.7	289.7	348.3	419.9	524.4	629.5	733.6	818.8	947.8
-30°	183.0	202.4	227.0	257.7	301.6	356.8	424.6	492.8	552.9	607.7	674.8
-32.5°	173.1	188.8	207.7	233.2	264.7	306.2	347.8	396.7	438.5	477.0	512.6
-35°	163.1	177.0	191.5	213.0	238.1	267.5	297.8	331.0	359.9	385.8	408.7
-37.5°	154.0	166.3	179.9	195.9	216.1	238.3	263.1	287.1	306.2	323.0	336.9
-40°	146.4	157.6	169.2	182.0	197.4	215.0	236.0	256.0	269.3	279.6	288.1
-42.5°	139.6	149.4	159.3	170.2	182.0	197.2	213.8	230.4	239.4	247.3	253.4
-45°	134.2	141.7	150.0	159.3	169.8	182.5	195.5	207.0	215.0	221.9	226.9
-47.5°	127.0	134.2	141.4	149.1	158.8	169.4	180.2	189.0	196.0	202.0	205.9
-50°	119.0	126.7	133.2	140.0	149.0	157.9	166.6	173.9	180.6	186.5	189.5
-52.5°	110.8	119.0	125.9	132.5	140.0	147.8	155.6	161.8	167.7	173.3	175.6
-55°	104.8	112.4	119.6	125.7	131.9	138.2	144.6	151.0	156.8	162.0	163.6
-57.5°	98.4	106.1	113.2	118.7	124.3	130.0	135.8	141.6	147.2	152.3	153.5
-60°	90.6	98.9	105.2	110.4	115.9	121.5	126.6	131.8	137.0	141.3	142.7
-62.5°	80.6	88.2	94.4	100.0	105.2	110.1	115.1	119.9	124.6	128.1	129.2
-65°	68.7	75.2	81.6	87.4	92.6	97.3	101.8	106.3	110.5	113.6	115.1
-67.5°	59.3	64.0	69.1	74.1	79.4	84.2	88.3	92.2	95.8	98.4	100.0
-70°	50.3	54.7	59.5	64.3	68.8	72.7	76.0	79.2	82.3	84.6	86.3
-72.5°	41.7	45.4	49.4	53.6	57.7	61.3	64.3	67.2	69.8	71.8	73.4
-75°	33.8	36.9	40.3	43.7	47.0	49.8	52.4	54.8	57.2	59.0	60.4
-77.5°	26.9	29.5	32.1	34.7	37.4	39.4	41.3	43.1	44.8	46.2	47.5
-80°	19.9	21.9	24.0	26.2	28.3	29.8	31.2	32.6	33.8	34.6	35.4
-82.5°	13.6	15.0	16.5	18.0	19.5	20.7	21.8	22.8	23.9	24.3	24.6
-85°	8.7	9.4	10.2	11.0	11.8	12.4	13.1	13.6	14.2	14.7	15.2
-87.5°	4.8	5.0	5.1	5.2	5.3	5.8	6.2	6.7	7.1	7.2	7.3
-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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.2	1.3
60°	5.0	4.5	4.4	4.4	4.4	4.5	5.0	5.4	5.4	6.3	6.5
57.5°	22.4	24.9	25.6	25.0	25.6	24.9	22.4	19.7	17.1	16.7	17.1
55°	32.6	33.3	33.7	33.8	33.7	33.3	32.6	31.3	29.4	27.5	26.0
52.5°	39.9	39.7	39.6	39.7	39.6	39.7	39.9	39.7	39.0	37.2	34.4
50°	60.0	58.9	58.5	58.8	58.5	58.9	60.0	59.7	56.6	51.2	46.9
47.5°	76.7	77.0	77.5	77.9	77.5	77.0	76.7	76.3	73.3	67.5	61.2
45°	89.6	90.4	90.9	91.2	90.9	90.4	89.6	88.4	84.2	78.1	71.2
42.5°	102.7	102.8	102.6	102.9	102.6	102.8	102.7	101.6	97.0	90.7	83.4
40°	121.2	121.6	121.2	120.6	121.2	121.6	121.2	119.6	115.8	108.0	99.8
37.5°	158.4	159.0	157.2	155.8	157.2	159.0	158.4	155.1	149.3	138.8	128.3
35°	219.1	225.4	228.4	229.3	228.4	225.4	219.1	210.6	201.2	191.0	166.6
32.5°	288.8	297.5	301.9	305.8	301.9	297.5	288.8	277.1	260.3	237.3	207.5
30°	388.6	404.8	411.9	421.9	411.9	404.8	388.6	368.3	337.3	300.8	258.9
27.5°	551.5	579.9	595.6	610.1	595.6	579.9	551.5	516.5	455.0	403.5	333.5
25°	829.9	884.5	919.9	936.5	919.9	884.5	829.9	759.1	661.7	568.8	454.0
22.5°	1291.0	1391.6	1469.3	1484.9	1469.3	1391.6	1291.0	1139.0	981.8	818.7	642.2
20°	2007.0	2151.1	2268.3	2327.3	2268.3	2151.1	2007.0	1748.9	1482.8	1206.4	946.8
17.5°	3326.7	3626.4	3763.2	3785.7	3763.2	3626.4	3326.7	2839.2	2429.9	1961.1	1443.8
15°	5290.1	5797.0	6118.9	6326.1	6118.9	5797.0	5290.1	4457.4	3681.3	2946.5	2140.3
12.5°	7530.2	8970.8	9790.5	10103.0	9790.5	8970.8	7530.2	6217.2	4955.7	3848.4	2838.9
10°	10570.5	13961.9	15918.2	16902.5	15918.2	13961.9	10570.5	8422.6	6406.2	4767.3	3425.8
7.5°	15730.6	20968.6	26772.2	29457.1	26772.2	20968.6	15730.6	10753.0	7931.5	5760.3	4083.2
5°	21155.2	32655.7	42749.8	47583.5	42749.8	32655.7	21155.2	14333.4	9551.8	6642.8	4658.8
2.5°	27389.8	42899.4	57239.2	63268.8	57239.2	42899.4	27389.8	16953.2	10749.8	7168.2	4984.6
0°	29789.3	47855.5	63538.5	69456.7	63538.5	47855.5	29789.3	17517.1	10966.0	7356.7	5044.2
-2.5°	27760.8	43650.8	57485.6	64247.9	57485.6	43650.8	27760.8	16887.4	10847.5	7349.7	5091.8
-5°	22057.4	32835.7	43081.7	48592.1	43081.7	32835.7	22057.4	14863.0	9914.6	6906.3	4825.3
-7.5°	16188.7	22056.3	27746.6	29736.4	27746.6	22056.3	16188.7	11448.1	8383.4	6099.2	4383.9
-10°	11270.9	14630.9	16848.9	17481.8	16848.9	14630.9	11270.9	9001.7	6919.5	5226.8	3801.2
-12.5°	8356.2	9825.9	10848.5	11026.3	10848.5	9825.9	8356.2	6952.3	5513.5	4324.7	3269.5
-15°	6187.6	6935.0	7462.4	7497.9	7462.4	6935.0	6187.6	5338.1	4375.5	3472.9	2626.4
-17.5°	4523.2	5024.8	5291.0	5272.0	5291.0	5024.8	4523.2	3915.5	3345.2	2658.0	2035.9
-20°	3234.3	3536.7	3751.2	3709.2	3751.2	3536.7	3234.3	2829.7	2435.7	1952.5	1542.1



REPORT NUMBER: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	2255.2	2455.9	2581.6	2549.3	2581.6	2455.9	2255.2	1977.4	1704.4	1427.1	1126.9
-25°	1532.4	1641.7	1704.0	1693.6	1704.0	1641.7	1532.4	1374.0	1186.7	1017.8	820.0
-27.5°	1044.2	1102.0	1121.3	1120.3	1121.3	1102.0	1044.2	947.8	818.8	733.6	629.5
-30°	724.8	763.6	785.8	771.8	785.8	763.6	724.8	674.8	607.7	552.9	492.8
-32.5°	540.2	562.1	574.7	561.6	574.7	562.1	540.2	512.6	477.0	438.5	396.7
-35°	425.7	436.8	441.3	433.7	441.3	436.8	425.7	408.7	385.8	359.9	331.0
-37.5°	347.1	353.6	355.8	351.4	355.8	353.6	347.1	336.9	323.0	306.2	287.1
-40°	294.1	298.1	299.1	295.5	299.1	298.1	294.1	288.1	279.6	269.3	256.0
-42.5°	257.3	259.7	260.3	258.7	260.3	259.7	257.3	253.4	247.3	239.4	230.4
-45°	230.0	232.0	232.4	230.8	232.4	232.0	230.0	226.9	221.9	215.0	207.0
-47.5°	207.8	209.1	209.4	208.8	209.4	209.1	207.8	205.9	202.0	196.0	189.0
-50°	190.9	191.8	191.8	191.1	191.8	191.8	190.9	189.5	186.5	180.6	173.9
-52.5°	176.7	177.3	177.7	177.9	177.7	177.3	176.7	175.6	173.3	167.7	161.8
-55°	164.7	165.5	165.9	166.1	165.9	165.5	164.7	163.6	162.0	156.8	151.0
-57.5°	154.5	155.2	155.7	155.8	155.7	155.2	154.5	153.5	152.3	147.2	141.6
-60°	143.9	144.8	145.3	145.5	145.3	144.8	143.9	142.7	141.3	137.0	131.8
-62.5°	129.9	130.3	130.7	130.8	130.7	130.3	129.9	129.2	128.1	124.6	119.9
-65°	116.2	117.0	117.5	117.6	117.5	117.0	116.2	115.1	113.6	110.5	106.3
-67.5°	101.3	102.4	103.5	104.4	103.5	102.4	101.3	100.0	98.4	95.8	92.2
-70°	87.9	89.2	89.6	89.7	89.6	89.2	87.9	86.3	84.6	82.3	79.2
-72.5°	74.8	76.0	77.0	77.9	77.0	76.0	74.8	73.4	71.8	69.8	67.2
-75°	61.7	62.8	63.1	63.2	63.1	62.8	61.7	60.4	59.0	57.2	54.8
-77.5°	48.6	49.7	49.9	50.0	49.9	49.7	48.6	47.5	46.2	44.8	43.1
-80°	36.0	36.6	37.4	38.2	37.4	36.6	36.0	35.4	34.6	33.8	32.6
-82.5°	24.8	24.9	25.0	25.0	25.0	24.9	24.8	24.6	24.3	23.9	22.8
-85°	15.7	16.1	16.2	16.2	16.2	16.1	15.7	15.2	14.7	14.2	13.6
-87.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.1	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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4
62.5°	1.5	1.6	1.7	1.5	1.1	0.7	0.8	1.0	0.7	0.1	0.5
60°	5.5	3.5	5.0	5.5	4.8	3.4	3.5	3.3	2.7	2.1	1.4
57.5°	18.1	17.5	14.3	12.4	11.9	10.5	8.6	6.9	6.1	4.9	3.4
55°	25.0	24.0	22.3	19.9	17.2	16.4	15.0	12.8	10.8	8.4	6.8
52.5°	30.7	31.0	30.0	27.2	24.8	23.2	21.1	19.1	16.6	14.3	11.1
50°	43.9	42.2	40.7	39.0	35.3	31.6	29.0	26.2	22.7	20.0	17.4
47.5°	56.0	53.6	51.9	49.7	45.4	41.6	37.5	33.6	29.2	25.0	22.4
45°	66.4	62.8	59.6	56.9	53.2	48.8	45.2	40.8	35.8	30.9	26.4
42.5°	77.0	71.5	67.1	64.4	59.9	55.4	51.4	48.0	42.5	36.9	32.3
40°	91.0	80.0	75.9	74.9	70.6	63.4	60.0	56.3	50.4	43.1	38.6
37.5°	114.2	99.4	92.2	88.4	84.6	77.1	70.4	65.6	60.3	52.0	45.6
35°	146.9	129.7	113.9	105.8	101.3	91.1	82.2	75.6	69.3	61.4	53.1
32.5°	175.7	156.2	137.4	123.2	113.0	103.6	93.8	85.6	77.3	69.2	61.0
30°	217.7	185.2	159.2	139.2	126.0	114.4	104.0	94.1	84.7	76.2	67.9
27.5°	274.7	222.8	187.6	159.4	139.8	125.9	114.1	102.5	91.8	82.7	74.2
25°	358.6	275.5	222.9	184.9	156.5	138.7	125.1	111.8	99.3	88.9	81.7
22.5°	479.1	365.6	278.9	212.5	180.8	158.3	138.2	121.4	107.3	98.0	89.5
20°	686.5	489.4	361.2	275.9	217.6	181.4	154.0	134.3	119.8	107.8	97.3
17.5°	1041.1	721.3	467.7	355.3	272.3	216.1	176.6	150.3	132.1	117.8	105.2
15°	1475.6	989.9	653.8	457.8	333.7	245.0	197.7	166.3	144.8	128.2	113.2
12.5°	1928.2	1245.6	807.9	535.7	377.7	275.8	219.9	184.4	157.4	135.7	118.4
10°	2321.4	1508.3	963.3	627.7	427.4	305.3	237.5	195.9	165.0	141.1	122.9
7.5°	2755.7	1777.0	1106.3	695.0	468.4	329.0	249.4	203.6	171.2	145.6	126.5
5°	3077.5	1982.0	1227.3	756.4	499.3	347.1	258.7	209.1	176.1	149.3	129.4
2.5°	3293.4	2124.8	1303.2	798.7	518.3	360.9	266.1	214.3	179.9	152.9	132.7
0°	3360.8	2139.1	1361.4	824.8	530.7	373.4	272.0	219.1	182.3	155.8	135.3
-2.5°	3381.4	2163.6	1355.5	830.5	535.0	380.2	274.5	220.0	184.2	156.9	135.6
-5°	3247.1	2100.2	1325.1	824.7	531.8	380.1	278.6	221.6	185.3	157.3	135.3
-7.5°	3011.1	1963.2	1245.6	787.3	516.4	374.0	281.6	223.6	186.3	158.5	136.4
-10°	2652.3	1743.4	1121.9	724.6	490.7	362.3	278.9	222.5	185.7	158.3	136.6
-12.5°	2291.3	1497.2	961.7	636.8	448.9	340.9	268.4	218.0	183.4	156.7	135.9
-15°	1832.9	1253.1	843.0	576.6	411.1	317.7	255.1	210.8	179.4	153.7	134.4
-17.5°	1472.2	1016.5	690.5	494.5	374.7	297.3	244.8	205.0	174.8	150.8	132.3
-20°	1132.5	800.7	584.6	435.1	337.2	272.3	230.8	196.5	169.5	147.7	130.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	853.5	648.5	485.2	373.9	302.3	253.0	216.8	187.0	163.0	143.3	127.8
-25°	663.1	517.2	405.8	330.3	271.6	231.6	203.8	179.5	157.9	139.0	124.7
-27.5°	524.4	419.9	348.3	289.7	246.7	217.2	193.3	171.7	152.3	135.7	121.5
-30°	424.6	356.8	301.6	257.7	227.0	202.4	183.0	165.0	147.2	131.5	118.2
-32.5°	347.8	306.2	264.7	233.2	207.7	188.8	173.1	157.9	140.9	127.1	114.6
-35°	297.8	267.5	238.1	213.0	191.5	177.0	163.1	148.8	135.0	122.2	110.6
-37.5°	263.1	238.3	216.1	195.9	179.9	166.3	154.0	141.5	128.9	117.2	106.4
-40°	236.0	215.0	197.4	182.0	169.2	157.6	146.4	134.8	123.7	111.9	101.9
-42.5°	213.8	197.2	182.0	170.2	159.3	149.4	139.6	129.5	118.6	107.4	96.9
-45°	195.5	182.5	169.8	159.3	150.0	141.7	134.2	124.1	113.4	102.2	91.6
-47.5°	180.2	169.4	158.8	149.1	141.4	134.2	127.0	118.1	106.8	96.3	87.2
-50°	166.6	157.9	149.0	140.0	133.2	126.7	119.0	109.7	100.0	91.3	82.8
-52.5°	155.6	147.8	140.0	132.5	125.9	119.0	110.8	102.7	94.5	86.3	78.4
-55°	144.6	138.2	131.9	125.7	119.6	112.4	104.8	96.8	88.7	81.1	73.1
-57.5°	135.8	130.0	124.3	118.7	113.2	106.1	98.4	90.6	82.2	74.5	67.0
-60°	126.6	121.5	115.9	110.4	105.2	98.9	90.6	82.5	74.8	67.5	60.2
-62.5°	115.1	110.1	105.2	100.0	94.4	88.2	80.6	73.2	66.5	60.2	53.7
-65°	101.8	97.3	92.6	87.4	81.6	75.2	68.7	63.3	58.1	52.8	47.0
-67.5°	88.3	84.2	79.4	74.1	69.1	64.0	59.3	54.7	49.9	44.9	39.8
-70°	76.0	72.7	68.8	64.3	59.5	54.7	50.3	46.0	41.5	37.3	33.4
-72.5°	64.3	61.3	57.7	53.6	49.4	45.4	41.7	38.1	34.6	31.2	27.7
-75°	52.4	49.8	47.0	43.7	40.3	36.9	33.8	31.0	28.0	25.0	22.0
-77.5°	41.3	39.4	37.4	34.7	32.1	29.5	26.9	24.3	21.8	19.6	17.5
-80°	31.2	29.8	28.3	26.2	24.0	21.9	19.9	18.1	16.4	14.9	13.5
-82.5°	21.8	20.7	19.5	18.0	16.5	15.0	13.6	12.5	11.5	10.4	9.5
-85°	13.1	12.4	11.8	11.0	10.2	9.4	8.7	8.1	7.5	6.8	6.2
-87.5°	6.2	5.8	5.3	5.2	5.1	5.0	4.8	4.4	3.9	3.5	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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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	0.6	0.6	0.5
67.5°	0.0	0.0	0.0	0.3	0.5	0.4	0.1	0.3	0.6	1.0	0.8
65°	0.5	0.4	0.0	0.4	0.7	1.0	0.7	0.5	0.7	1.0	1.2
62.5°	0.9	1.1	0.8	0.6	0.8	1.2	1.4	0.9	0.8	1.1	1.4
60°	1.0	1.3	1.5	1.2	1.1	1.3	1.5	1.4	1.1	1.1	1.5
57.5°	2.6	1.7	1.7	1.6	1.4	1.4	1.5	1.5	1.3	1.3	1.5
55°	4.8	3.5	2.5	2.0	1.7	1.5	1.5	1.5	1.5	1.4	1.5
52.5°	8.4	6.1	4.5	3.0	2.2	1.7	1.7	1.5	1.5	1.5	1.5
50°	13.3	9.6	7.0	5.1	3.1	2.4	1.9	1.7	1.5	1.5	1.5
47.5°	19.5	14.3	10.2	7.4	5.2	3.3	2.6	2.0	1.5	1.5	1.5
45°	24.0	19.9	14.2	10.3	7.3	5.0	3.5	2.4	1.8	1.5	1.5
42.5°	28.5	24.8	19.4	13.2	10.0	6.9	4.5	3.2	2.2	1.6	1.6
40°	34.2	29.6	24.3	18.0	13.0	8.8	6.1	4.2	2.7	1.9	1.7
37.5°	40.1	34.9	29.2	22.6	16.3	11.6	7.8	5.2	3.4	2.4	1.8
35°	46.7	40.5	34.0	27.0	20.4	14.6	9.3	6.4	4.3	2.9	2.0
32.5°	53.4	45.9	38.5	31.3	24.1	17.6	11.6	7.9	5.2	3.5	2.2
30°	59.9	51.2	42.6	35.4	27.7	20.8	14.3	9.5	6.1	4.1	2.4
27.5°	65.8	56.4	46.6	39.1	31.3	23.8	17.2	11.3	6.9	4.7	2.9
25°	71.9	61.7	51.2	42.3	34.6	26.9	19.7	13.2	8.1	5.4	3.4
22.5°	78.9	67.0	55.6	45.2	38.2	29.8	22.2	15.4	9.6	6.1	3.9
20°	86.5	72.3	60.1	49.4	41.5	32.9	24.7	17.5	11.1	6.7	4.3
17.5°	94.2	78.1	65.4	54.2	44.8	35.8	27.1	19.4	12.6	7.3	4.8
15°	99.4	83.9	70.2	58.6	48.1	38.4	29.3	21.1	14.1	7.9	5.3
12.5°	103.8	88.9	74.5	62.8	51.3	40.8	31.4	22.7	15.5	8.6	5.7
10°	107.7	93.1	78.2	66.5	54.5	43.0	33.3	24.0	16.9	9.5	6.1
7.5°	111.0	96.5	81.4	69.9	57.4	45.2	34.9	25.2	18.1	10.5	6.5
5°	113.8	99.5	84.0	72.2	60.2	47.5	36.2	26.3	19.1	11.5	6.8
2.5°	116.0	102.3	86.3	73.8	62.6	49.6	37.3	27.1	19.9	12.4	7.1
0°	117.6	104.4	88.2	75.0	64.7	51.5	38.2	27.9	20.6	13.2	7.4
-2.5°	118.7	104.8	90.2	76.4	65.9	53.0	40.0	28.8	21.1	14.0	7.8
-5°	119.2	104.7	91.8	77.4	66.8	54.2	41.5	29.6	21.6	14.6	8.2
-7.5°	119.8	105.2	92.6	78.3	67.4	55.2	42.7	30.2	21.9	15.1	8.6
-10°	120.1	105.7	92.8	79.3	67.9	55.8	43.4	30.6	22.1	15.5	8.9
-12.5°	119.7	105.6	92.7	79.9	68.1	56.2	43.8	31.1	22.3	15.8	9.2
-15°	118.7	105.0	92.5	79.9	68.1	56.4	43.9	31.7	22.8	15.8	9.4
-17.5°	117.3	103.8	92.2	79.5	67.8	56.3	43.8	31.9	23.0	15.7	9.6
-20°	115.8	102.7	91.7	78.4	67.3	56.0	43.4	31.9	23.0	15.5	9.8

Classified

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



REPORT NUMBER: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	113.9	101.6	90.0	77.3	66.6	55.5	42.8	31.5	22.7	15.1	9.9
-25°	111.5	100.0	88.2	76.5	65.6	54.4	42.0	30.8	22.2	14.7	10.0
-27.5°	109.1	97.9	86.2	75.3	64.4	53.2	41.1	30.2	21.5	14.1	9.9
-30°	106.3	95.5	84.5	73.8	62.6	51.4	39.8	29.2	20.7	13.8	9.8
-32.5°	103.2	93.0	82.6	71.4	60.3	49.4	38.1	27.8	19.7	13.6	9.7
-35°	100.1	90.3	80.2	68.5	57.9	47.2	36.3	26.0	18.7	13.3	9.6
-37.5°	96.5	86.9	76.4	65.3	55.3	44.9	34.7	25.0	17.5	12.9	9.4
-40°	92.4	82.8	72.1	62.3	52.6	42.5	32.9	24.1	16.7	12.4	9.2
-42.5°	87.8	78.2	68.6	59.3	49.8	40.4	31.1	22.9	16.4	12.1	8.9
-45°	83.0	74.0	65.3	56.2	46.9	38.2	29.6	21.7	15.9	11.7	8.6
-47.5°	78.5	70.5	61.8	52.8	44.4	36.0	27.8	20.8	15.2	11.3	8.4
-50°	74.7	66.6	57.9	49.4	41.5	33.7	26.0	19.8	14.7	10.9	8.0
-52.5°	70.4	62.1	53.7	45.6	38.4	31.2	24.4	18.5	13.9	10.4	7.6
-55°	65.2	57.0	49.0	41.9	35.1	28.7	22.5	17.1	12.8	9.8	7.1
-57.5°	59.2	51.3	44.7	38.2	31.8	26.0	20.5	15.6	11.9	9.1	6.5
-60°	53.0	46.6	40.5	34.2	28.4	23.1	18.1	13.9	11.0	8.3	5.9
-62.5°	47.5	41.7	35.7	29.9	24.8	20.0	15.7	12.7	9.9	7.4	5.2
-65°	41.3	35.8	30.4	25.7	21.2	17.2	14.1	11.4	8.8	6.5	4.6
-67.5°	34.7	30.3	25.8	21.5	18.1	15.2	12.4	9.9	7.6	5.5	4.2
-70°	29.3	25.2	21.5	18.4	15.6	13.0	10.6	8.4	6.3	4.9	3.7
-72.5°	24.2	21.0	18.1	15.5	13.1	10.8	8.7	6.9	5.5	4.3	3.3
-75°	19.3	17.0	14.7	12.4	10.4	8.5	7.1	5.8	4.6	3.6	2.9
-77.5°	15.4	13.4	11.3	9.7	8.4	7.2	5.9	4.6	3.8	3.1	2.5
-80°	11.9	10.4	9.2	8.1	6.9	5.8	4.8	3.9	3.3	2.7	2.1
-82.5°	8.5	7.8	7.1	6.5	5.6	4.7	3.9	3.3	2.7	2.2	1.6
-85°	5.8	5.4	5.1	4.8	4.2	3.6	3.0	2.4	1.9	1.5	1.1
-87.5°	3.0	2.8	2.7	2.5	2.2	1.8	1.5	1.2	1.0	0.8	0.6
-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: P626738 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	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	0.5	0.5	0.2	0.1	0.3	0.0
65°	0.9	0.6	0.6	0.3	0.1	0.3	0.0
62.5°	1.2	0.9	0.8	0.5	0.2	0.4	0.0
60°	1.5	1.0	0.9	0.6	0.2	0.4	0.0
57.5°	1.5	1.2	1.1	0.8	0.3	0.5	0.0
55°	1.5	1.4	1.2	1.0	0.5	0.5	0.0
52.5°	1.5	1.5	1.2	1.1	0.6	0.6	0.0
50°	1.5	1.5	1.3	1.3	0.7	0.6	0.0
47.5°	1.5	1.5	1.4	1.4	0.8	0.6	0.0
45°	1.5	1.5	1.4	1.5	0.9	0.7	0.0
42.5°	1.5	1.5	1.5	1.5	1.0	0.7	0.0
40°	1.5	1.5	1.5	1.5	1.0	0.8	0.0
37.5°	1.5	1.5	1.5	1.5	1.1	0.8	0.0
35°	1.5	1.5	1.5	1.5	1.2	0.9	0.0
32.5°	1.5	1.5	1.5	1.5	1.2	0.9	0.0
30°	1.7	1.5	1.5	1.5	1.3	1.0	0.0
27.5°	1.8	1.5	1.5	1.5	1.3	1.0	0.0
25°	2.0	1.5	1.5	1.5	1.4	1.1	0.0
22.5°	2.2	1.5	1.5	1.5	1.4	1.1	0.0
20°	2.4	1.6	1.5	1.5	1.4	1.2	0.0
17.5°	2.6	1.8	1.5	1.5	1.5	1.2	0.0
15°	2.9	1.9	1.5	1.5	1.5	1.3	0.0
12.5°	3.2	2.1	1.5	1.5	1.5	1.3	0.0
10°	3.5	2.2	1.5	1.5	1.5	1.3	0.0
7.5°	3.7	2.4	1.5	1.5	1.5	1.4	0.0
5°	4.0	2.6	1.5	1.5	1.5	1.4	0.0
2.5°	4.2	2.7	1.5	1.5	1.5	1.5	0.0
0°	4.4	2.9	1.5	1.5	1.5	1.5	0.0
-2.5°	4.8	3.1	1.6	1.5	1.5	1.5	0.0
-5°	5.2	3.2	1.7	1.5	1.5	1.5	0.0
-7.5°	5.5	3.3	1.9	1.5	1.5	1.5	0.0
-10°	5.8	3.4	2.0	1.5	1.5	1.5	0.0
-12.5°	6.0	3.5	2.1	1.5	1.5	1.5	0.0
-15°	6.2	3.6	2.1	1.5	1.5	1.4	0.0
-17.5°	6.3	3.7	2.2	1.5	1.5	1.4	0.0
-20°	6.4	3.7	2.2	1.5	1.5	1.4	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.5	3.8	2.2	1.5	1.5	1.4	0.0
-25°	6.5	3.9	2.2	1.5	1.5	1.4	0.0
-27.5°	6.5	4.0	2.2	1.5	1.5	1.3	0.0
-30°	6.5	4.0	2.2	1.5	1.5	1.3	0.0
-32.5°	6.4	4.1	2.2	1.5	1.5	1.3	0.0
-35°	6.4	4.1	2.1	1.5	1.5	1.2	0.0
-37.5°	6.4	4.0	2.1	1.5	1.5	1.2	0.0
-40°	6.3	4.0	2.0	1.5	1.5	1.1	0.0
-42.5°	6.2	3.8	2.0	1.5	1.5	1.1	0.0
-45°	6.0	3.7	2.1	1.6	1.5	1.1	0.0
-47.5°	5.7	3.5	2.1	1.6	1.5	1.0	0.0
-50°	5.5	3.3	2.1	1.6	1.5	1.0	0.0
-52.5°	5.1	3.0	2.1	1.6	1.5	0.9	0.0
-55°	4.7	2.9	2.1	1.6	1.5	0.9	0.0
-57.5°	4.3	2.8	2.1	1.6	1.5	0.8	0.0
-60°	3.8	2.7	2.0	1.6	1.5	0.7	0.0
-62.5°	3.6	2.6	2.0	1.6	1.4	0.7	0.0
-65°	3.4	2.5	1.9	1.6	1.3	0.6	0.0
-67.5°	3.1	2.3	1.8	1.5	1.1	0.6	0.0
-70°	2.8	2.2	1.7	1.5	1.0	0.5	0.0
-72.5°	2.5	2.0	1.6	1.3	0.9	0.5	0.0
-75°	2.2	1.8	1.5	1.2	0.8	0.4	0.0
-77.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	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)