

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: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-735-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N19
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2910.5 lumens
Efficiency: N/A
Efficacy: 160.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 9315.6 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 1415.1 lumens
Beam Efficiency: 48.6%

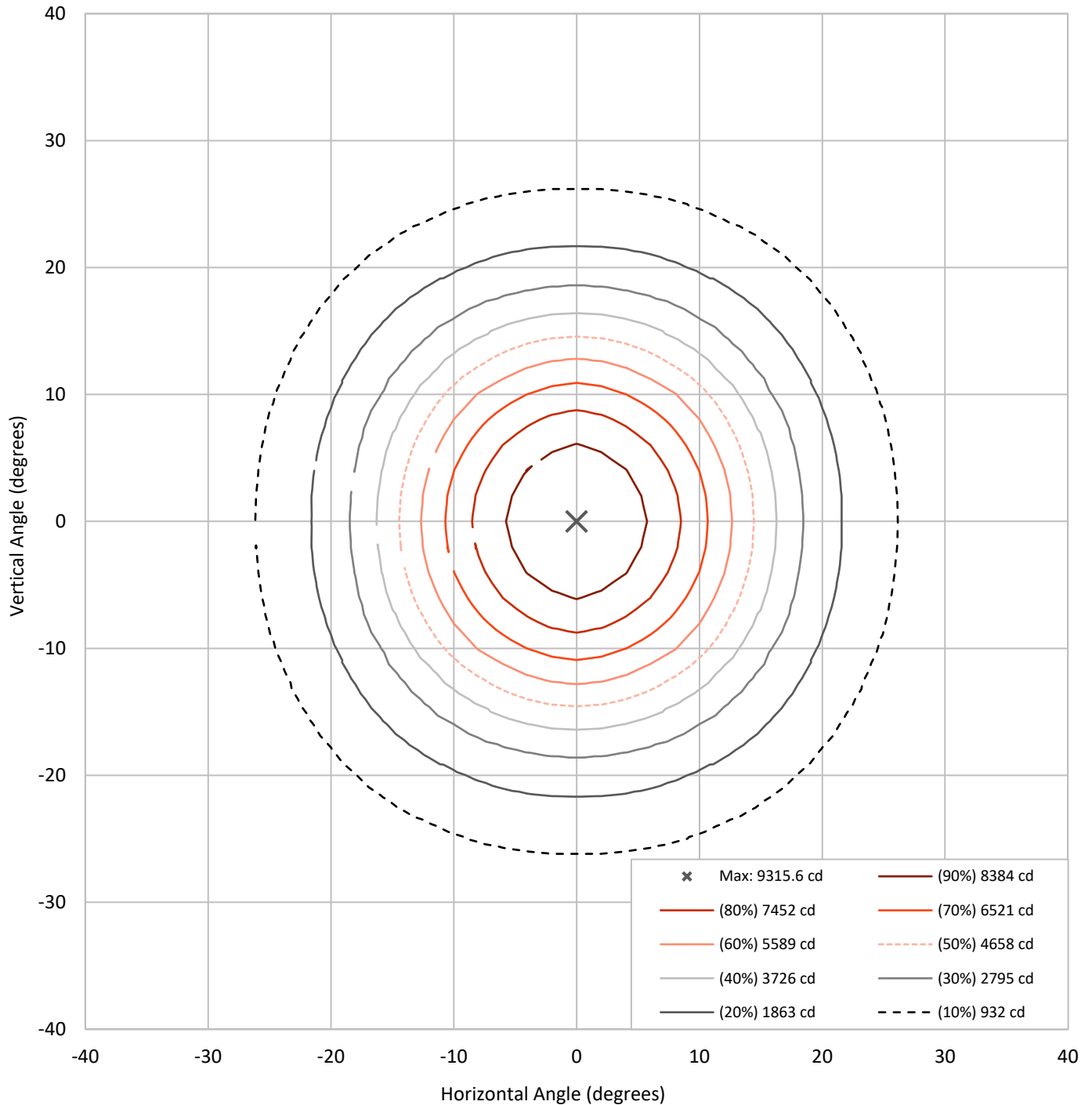
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 2388 lumens
Field Efficiency: 82.0%

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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Iso-Candela Plot





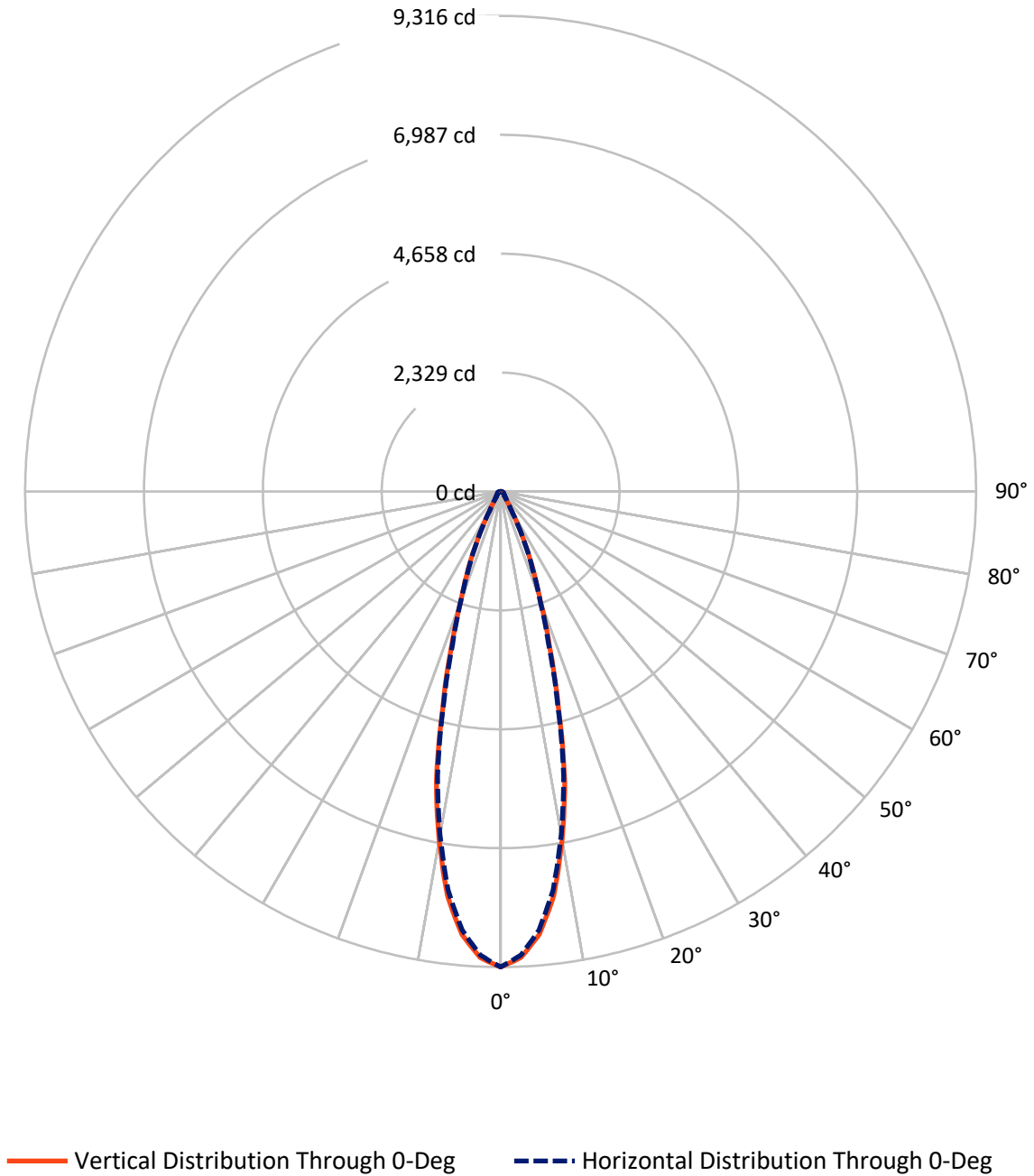
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Lumen Table

90	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
80	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
70	0.2	0.3	0.5	0.8	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.8	0.5	0.3	0.2			
60		0.4	0.8	1.2	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.2	0.8	0.4				
50	0.4	0.5	1.0	1.5	2.0	2.5	3.0	3.2	3.2	3.0	2.5	2.0	1.5	1.0	0.5	0.4			
40		0.6	1.1	1.7	2.4	3.5	5.0	6.6	6.6	5.0	3.5	2.4	1.7	1.1	0.6				
30	0.5	0.6	1.2	1.9	3.1	6.8	19.2	34.0	34.0	19.2	6.8	3.1	1.9	1.2	0.6	0.5			
20		0.7	1.3	2.1	4.3	17.9	63.7	122.0	122.0	63.7	17.9	4.3	2.1	1.3	0.7				
10	0.5	0.7	1.3	2.2	5.4	30.8	117.8	231.8	231.8	117.8	30.8	5.4	2.2	1.3	0.7	0.5			
0		0.7	1.3	2.2	5.4	30.8	117.8	231.8	231.8	117.8	30.8	5.4	2.2	1.3	0.7				
-10	0.5	0.7	1.3	2.1	4.3	17.9	63.7	122.0	122.0	63.7	17.9	4.3	2.1	1.3	0.7	0.5			
-20		0.6	1.2	1.9	3.1	6.8	19.2	34.0	34.0	19.2	6.8	3.1	1.9	1.2	0.6				
-30	0.4	0.6	1.1	1.7	2.4	3.5	5.0	6.6	6.6	5.0	3.5	2.4	1.7	1.1	0.6	0.4			
-40		0.5	1.0	1.5	2.0	2.5	3.0	3.2	3.2	3.0	2.5	2.0	1.5	1.0	0.5				
-50	0.2	0.4	0.8	1.2	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.2	0.8	0.4	0.2			
-60		0.3	0.5	0.8	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.8	0.5	0.3				
-70	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
-80		0.5		1.3		2.0		2.2		2.0		1.3		0.5					
-90	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

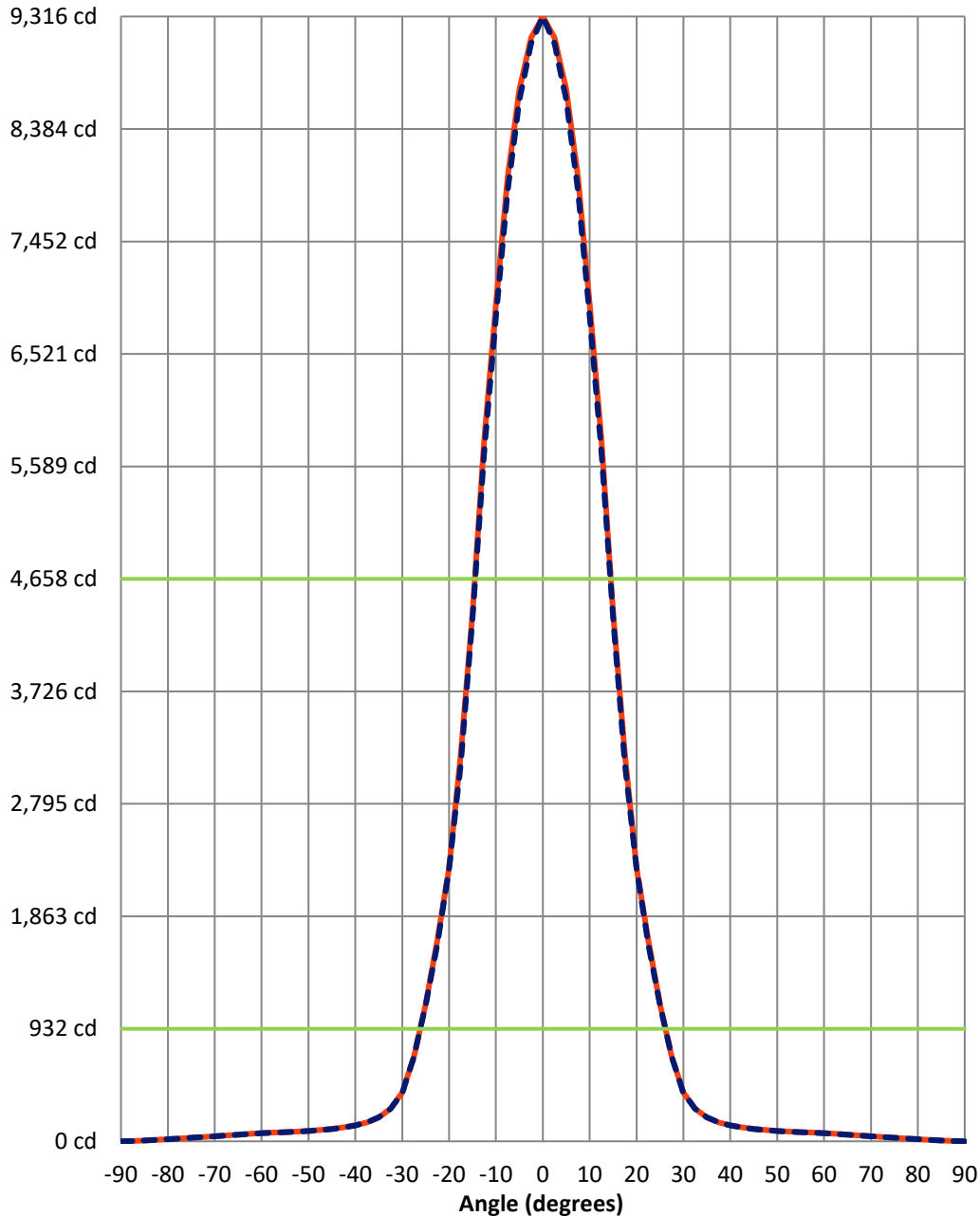
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 1415.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 2388
 Efficiency: 82.0%

Spill:
 Lumens: 522.5
 Efficiency: 18.0%

— 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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	3.1	3.7
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	3.3	4.0	4.8	5.7
77.5°	0.0	0.5	1.0	1.6	2.1	2.7	3.6	4.5	5.5	6.6	7.7
75°	0.0	0.6	1.2	1.9	2.5	3.6	4.7	5.8	7.0	8.5	9.9
72.5°	0.0	0.7	1.4	2.2	3.2	4.5	5.7	7.1	8.8	10.5	12.1
70°	0.0	0.8	1.6	2.5	3.9	5.3	6.8	8.6	10.5	12.4	14.4
67.5°	0.0	0.9	1.8	3.0	4.6	6.2	8.1	10.1	12.3	14.5	16.8
65°	0.0	1.0	2.0	3.5	5.3	7.1	9.4	11.6	14.1	16.6	19.1
62.5°	0.0	1.1	2.2	4.0	5.9	8.2	10.6	13.2	15.9	18.7	21.6
60°	0.0	1.2	2.4	4.5	6.6	9.2	11.9	14.7	17.7	20.8	24.0
57.5°	0.0	1.3	2.7	5.0	7.4	10.2	13.1	16.2	19.5	22.8	26.3
55°	0.0	1.4	3.0	5.4	8.1	11.2	14.4	17.7	21.2	24.8	28.6
52.5°	0.0	1.5	3.3	5.9	8.9	12.2	15.6	19.2	22.9	26.8	30.9
50°	0.0	1.5	3.6	6.3	9.6	13.1	16.7	20.6	24.5	28.8	33.0
47.5°	0.0	1.6	3.9	6.7	10.4	14.0	17.8	21.9	26.2	30.7	34.9
45°	0.0	1.7	4.1	7.2	11.0	14.9	19.0	23.2	27.8	32.4	36.8
42.5°	0.0	1.8	4.4	7.7	11.7	15.7	20.0	24.5	29.3	33.9	38.5
40°	0.0	1.8	4.6	8.2	12.3	16.5	21.0	25.8	30.7	35.4	40.1
37.5°	0.0	1.9	4.9	8.6	12.9	17.2	22.0	27.0	32.0	36.8	41.7
35°	0.0	2.0	5.1	9.0	13.4	17.9	22.9	28.1	33.2	38.1	43.1
32.5°	0.0	2.0	5.3	9.4	14.0	18.7	23.8	29.1	34.3	39.4	44.5
30°	0.0	2.1	5.5	9.7	14.4	19.3	24.6	30.0	35.3	40.6	45.7
27.5°	0.0	2.1	5.6	10.0	14.9	19.9	25.3	30.8	36.2	41.6	46.9
25°	0.0	2.2	5.8	10.3	15.3	20.5	26.0	31.6	37.1	42.6	48.0
22.5°	0.0	2.2	6.0	10.6	15.6	21.0	26.6	32.2	37.9	43.4	49.1
20°	0.0	2.3	6.1	10.8	16.0	21.4	27.1	32.8	38.5	44.2	50.1
17.5°	0.0	2.3	6.2	11.0	16.3	21.8	27.6	33.3	39.1	44.9	50.9
15°	0.0	2.3	6.3	11.1	16.5	22.1	28.0	33.8	39.6	45.4	51.6
12.5°	0.0	2.3	6.4	11.2	16.8	22.3	28.4	34.3	40.1	45.9	52.2
10°	0.0	2.4	6.5	11.3	17.0	22.5	28.7	34.6	40.5	46.4	52.8
7.5°	0.0	2.4	6.5	11.4	17.1	22.7	29.0	34.9	40.9	46.9	53.4
5°	0.0	2.4	6.6	11.4	17.2	22.7	29.1	35.1	41.1	47.3	53.9
2.5°	0.0	2.4	6.6	11.4	17.3	22.7	29.3	35.3	41.3	47.6	54.2
0°	0.0	2.4	6.6	11.4	17.3	22.7	29.3	35.3	41.3	47.8	54.4
-2.5°	0.0	2.4	6.6	11.4	17.3	22.7	29.3	35.3	41.3	47.6	54.2
-5°	0.0	2.4	6.6	11.4	17.2	22.7	29.1	35.1	41.1	47.3	53.9
-7.5°	0.0	2.4	6.5	11.4	17.1	22.7	29.0	34.9	40.9	46.9	53.4
-10°	0.0	2.4	6.5	11.3	17.0	22.5	28.7	34.6	40.5	46.4	52.8
-12.5°	0.0	2.3	6.4	11.2	16.8	22.3	28.4	34.3	40.1	45.9	52.2
-15°	0.0	2.3	6.3	11.1	16.5	22.1	28.0	33.8	39.6	45.4	51.6
-17.5°	0.0	2.3	6.2	11.0	16.3	21.8	27.6	33.3	39.1	44.9	50.9
-20°	0.0	2.3	6.1	10.8	16.0	21.4	27.1	32.8	38.5	44.2	50.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.2	6.0	10.6	15.6	21.0	26.6	32.2	37.9	43.4	49.1
-25°	0.0	2.2	5.8	10.3	15.3	20.5	26.0	31.6	37.1	42.6	48.0
-27.5°	0.0	2.1	5.6	10.0	14.9	19.9	25.3	30.8	36.2	41.6	46.9
-30°	0.0	2.1	5.5	9.7	14.4	19.3	24.6	30.0	35.3	40.6	45.7
-32.5°	0.0	2.0	5.3	9.4	14.0	18.7	23.8	29.1	34.3	39.4	44.5
-35°	0.0	2.0	5.1	9.0	13.4	17.9	22.9	28.1	33.2	38.1	43.1
-37.5°	0.0	1.9	4.9	8.6	12.9	17.2	22.0	27.0	32.0	36.8	41.7
-40°	0.0	1.8	4.6	8.2	12.3	16.5	21.0	25.8	30.7	35.4	40.1
-42.5°	0.0	1.8	4.4	7.7	11.7	15.7	20.0	24.5	29.3	33.9	38.5
-45°	0.0	1.7	4.1	7.2	11.0	14.9	19.0	23.2	27.8	32.4	36.8
-47.5°	0.0	1.6	3.9	6.7	10.4	14.0	17.8	21.9	26.2	30.7	34.9
-50°	0.0	1.5	3.6	6.3	9.6	13.1	16.7	20.6	24.5	28.8	33.0
-52.5°	0.0	1.5	3.3	5.9	8.9	12.2	15.6	19.2	22.9	26.8	30.9
-55°	0.0	1.4	3.0	5.4	8.1	11.2	14.4	17.7	21.2	24.8	28.6
-57.5°	0.0	1.3	2.7	5.0	7.4	10.2	13.1	16.2	19.5	22.8	26.3
-60°	0.0	1.2	2.4	4.5	6.6	9.2	11.9	14.7	17.7	20.8	24.0
-62.5°	0.0	1.1	2.2	4.0	5.9	8.2	10.6	13.2	15.9	18.7	21.6
-65°	0.0	1.0	2.0	3.5	5.3	7.1	9.4	11.6	14.1	16.6	19.1
-67.5°	0.0	0.9	1.8	3.0	4.6	6.2	8.1	10.1	12.3	14.5	16.8
-70°	0.0	0.8	1.6	2.5	3.9	5.3	6.8	8.6	10.5	12.4	14.4
-72.5°	0.0	0.7	1.4	2.2	3.2	4.5	5.7	7.1	8.8	10.5	12.1
-75°	0.0	0.6	1.2	1.9	2.5	3.6	4.7	5.8	7.0	8.5	9.9
-77.5°	0.0	0.5	1.0	1.6	2.1	2.7	3.6	4.5	5.5	6.6	7.7
-80°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	3.3	4.0	4.8	5.7
-82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	3.1	3.7
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.8	3.1	3.4	3.8	4.1	4.4	4.7	5.0	5.2
82.5°	4.2	4.8	5.3	5.8	6.4	6.8	7.3	7.8	8.2	8.6	9.0
80°	6.4	7.2	7.9	8.6	9.3	9.9	10.5	11.1	11.7	12.3	13.0
77.5°	8.8	9.7	10.5	11.3	12.2	13.2	14.1	15.1	16.0	16.8	17.6
75°	11.1	12.2	13.4	14.5	15.7	16.9	18.1	19.2	20.3	21.5	22.6
72.5°	13.7	15.1	16.5	17.8	19.3	20.8	22.2	23.4	24.9	26.4	27.8
70°	16.3	17.9	19.7	21.5	23.2	24.8	26.5	28.2	30.0	31.6	33.2
67.5°	18.9	21.0	23.1	25.1	27.1	29.0	31.1	33.1	35.1	37.0	38.8
65°	21.8	24.1	26.4	28.7	30.9	33.3	35.7	38.0	40.5	42.8	44.8
62.5°	24.6	27.2	29.8	32.3	34.9	37.6	40.4	43.2	46.2	48.3	50.2
60°	27.3	30.2	33.1	36.0	38.9	41.9	45.0	48.1	50.8	53.2	55.2
57.5°	29.9	33.2	36.3	39.5	42.7	46.1	49.6	52.7	55.3	57.5	59.7
55°	32.4	36.1	39.4	42.7	46.4	50.4	54.0	56.8	59.4	61.3	63.4
52.5°	34.8	38.8	42.2	45.9	50.1	54.3	57.9	60.6	62.8	64.8	66.8
50°	37.1	41.0	44.9	49.2	53.6	57.8	61.4	63.9	66.1	68.2	70.0
47.5°	39.2	43.3	47.6	52.2	56.8	61.0	64.4	67.0	69.3	71.3	73.4
45°	41.1	45.5	50.2	55.2	59.9	64.0	67.2	70.0	72.1	74.4	77.1
42.5°	43.0	47.7	52.8	58.1	62.9	66.7	69.8	72.4	74.9	77.7	80.6
40°	44.9	49.7	55.2	60.8	65.8	69.0	72.0	74.8	77.7	80.9	84.1
37.5°	46.6	51.8	57.5	63.4	67.8	71.2	74.3	77.4	80.7	84.1	88.2
35°	48.1	53.8	59.7	65.4	69.7	73.3	76.7	80.1	83.7	87.9	92.3
32.5°	49.7	55.5	61.8	67.1	71.3	75.2	78.9	82.8	87.0	91.6	96.7
30°	51.2	57.2	63.6	68.8	72.8	76.8	81.1	85.4	90.1	95.2	101.1
27.5°	52.7	58.8	65.1	70.2	74.1	78.2	82.8	88.1	93.2	98.8	105.6
25°	54.0	60.5	66.5	71.2	75.2	79.5	84.4	89.9	95.9	102.5	110.9
22.5°	55.3	61.9	67.9	72.2	76.1	80.6	85.9	91.8	98.3	105.9	116.2
20°	56.5	63.1	68.9	73.0	76.9	81.5	87.2	93.4	100.8	110.1	122.4
17.5°	57.5	64.0	69.5	73.7	77.7	82.5	88.3	94.8	103.0	113.8	128.3
15°	58.4	64.8	70.1	74.2	78.4	83.5	89.5	96.5	105.6	117.4	133.5
12.5°	59.1	65.5	70.5	74.5	78.9	84.2	90.5	98.1	108.1	121.4	140.4
10°	59.7	65.9	70.9	74.8	79.3	84.7	91.2	99.4	110.1	124.7	146.4
7.5°	60.3	66.3	71.2	74.9	79.5	84.9	91.8	100.4	111.6	127.2	151.1
5°	60.7	66.7	71.3	75.1	79.6	85.0	92.1	100.9	112.5	128.8	154.4
2.5°	60.9	66.9	71.3	75.2	79.7	85.1	92.5	101.2	113.6	130.2	156.3
0°	61.0	67.0	71.2	75.3	79.5	84.9	92.7	101.1	114.2	131.0	156.7
-2.5°	60.9	66.9	71.3	75.2	79.7	85.1	92.5	101.2	113.6	130.2	156.3
-5°	60.7	66.7	71.3	75.1	79.6	85.0	92.1	100.9	112.5	128.8	154.4
-7.5°	60.3	66.3	71.2	74.9	79.5	84.9	91.8	100.4	111.6	127.2	151.1
-10°	59.7	65.9	70.9	74.8	79.3	84.7	91.2	99.4	110.1	124.7	146.4
-12.5°	59.1	65.5	70.5	74.5	78.9	84.2	90.5	98.1	108.1	121.4	140.4
-15°	58.4	64.8	70.1	74.2	78.4	83.5	89.5	96.5	105.6	117.4	133.5
-17.5°	57.5	64.0	69.5	73.7	77.7	82.5	88.3	94.8	103.0	113.8	128.3
-20°	56.5	63.1	68.9	73.0	76.9	81.5	87.2	93.4	100.8	110.1	122.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	55.3	61.9	67.9	72.2	76.1	80.6	85.9	91.8	98.3	105.9	116.2
-25°	54.0	60.5	66.5	71.2	75.2	79.5	84.4	89.9	95.9	102.5	110.9
-27.5°	52.7	58.8	65.1	70.2	74.1	78.2	82.8	88.1	93.2	98.8	105.6
-30°	51.2	57.2	63.6	68.8	72.8	76.8	81.1	85.4	90.1	95.2	101.1
-32.5°	49.7	55.5	61.8	67.1	71.3	75.2	78.9	82.8	87.0	91.6	96.7
-35°	48.1	53.8	59.7	65.4	69.7	73.3	76.7	80.1	83.7	87.9	92.3
-37.5°	46.6	51.8	57.5	63.4	67.8	71.2	74.3	77.4	80.7	84.1	88.2
-40°	44.9	49.7	55.2	60.8	65.8	69.0	72.0	74.8	77.7	80.9	84.1
-42.5°	43.0	47.7	52.8	58.1	62.9	66.7	69.8	72.4	74.9	77.7	80.6
-45°	41.1	45.5	50.2	55.2	59.9	64.0	67.2	70.0	72.1	74.4	77.1
-47.5°	39.2	43.3	47.6	52.2	56.8	61.0	64.4	67.0	69.3	71.3	73.4
-50°	37.1	41.0	44.9	49.2	53.6	57.8	61.4	63.9	66.1	68.2	70.0
-52.5°	34.8	38.8	42.2	45.9	50.1	54.3	57.9	60.6	62.8	64.8	66.8
-55°	32.4	36.1	39.4	42.7	46.4	50.4	54.0	56.8	59.4	61.3	63.4
-57.5°	29.9	33.2	36.3	39.5	42.7	46.1	49.6	52.7	55.3	57.5	59.7
-60°	27.3	30.2	33.1	36.0	38.9	41.9	45.0	48.1	50.8	53.2	55.2
-62.5°	24.6	27.2	29.8	32.3	34.9	37.6	40.4	43.2	46.2	48.3	50.2
-65°	21.8	24.1	26.4	28.7	30.9	33.3	35.7	38.0	40.5	42.8	44.8
-67.5°	18.9	21.0	23.1	25.1	27.1	29.0	31.1	33.1	35.1	37.0	38.8
-70°	16.3	17.9	19.7	21.5	23.2	24.8	26.5	28.2	30.0	31.6	33.2
-72.5°	13.7	15.1	16.5	17.8	19.3	20.8	22.2	23.4	24.9	26.4	27.8
-75°	11.1	12.2	13.4	14.5	15.7	16.9	18.1	19.2	20.3	21.5	22.6
-77.5°	8.8	9.7	10.5	11.3	12.2	13.2	14.1	15.1	16.0	16.8	17.6
-80°	6.4	7.2	7.9	8.6	9.3	9.9	10.5	11.1	11.7	12.3	13.0
-82.5°	4.2	4.8	5.3	5.8	6.4	6.8	7.3	7.8	8.2	8.6	9.0
-85°	2.2	2.4	2.8	3.1	3.4	3.8	4.1	4.4	4.7	5.0	5.2
-87.5°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	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: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-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°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
85°	5.5	5.7	5.9	6.1	6.3	6.3	6.4	6.3	6.3	6.4	6.5
82.5°	9.4	9.8	10.2	10.7	11.1	11.2	11.3	11.4	11.5	11.6	11.8
80°	13.6	14.3	14.9	15.4	15.9	16.2	16.5	16.8	17.1	17.2	17.3
77.5°	18.5	19.3	20.0	20.7	21.4	21.9	22.3	22.6	22.9	23.0	23.2
75°	23.8	24.8	25.7	26.5	27.3	27.9	28.2	28.5	28.7	28.9	29.1
72.5°	29.1	30.3	31.4	32.4	33.3	33.9	34.3	34.7	35.0	35.2	35.3
70°	34.8	36.1	37.3	38.4	39.2	39.8	40.2	40.6	40.9	41.1	41.2
67.5°	40.6	42.0	43.1	44.0	44.8	45.4	46.0	46.4	46.7	47.0	47.3
65°	46.4	47.9	49.1	50.0	50.8	51.6	52.4	52.9	53.3	53.6	54.0
62.5°	52.0	53.7	55.1	56.3	57.5	58.7	59.4	59.9	60.3	60.7	61.0
60°	57.1	59.0	60.7	62.2	63.7	65.2	65.9	66.4	66.8	67.3	67.7
57.5°	61.6	63.7	65.6	67.1	68.6	70.0	71.0	71.5	71.9	72.1	72.2
55°	65.5	67.6	69.6	71.2	72.8	74.3	75.3	75.9	76.3	76.5	76.7
52.5°	69.1	71.2	73.3	75.2	76.9	78.5	79.8	80.6	81.2	81.6	81.7
50°	72.4	74.8	77.1	79.1	81.1	83.0	84.7	85.8	86.5	86.9	87.0
47.5°	76.0	78.6	81.1	83.4	85.7	87.9	90.0	91.4	92.4	93.2	93.7
45°	79.8	82.6	85.3	88.0	90.6	93.6	96.2	98.2	99.7	100.9	101.9
42.5°	83.5	86.7	89.8	93.4	96.9	100.2	103.3	105.9	108.4	110.8	112.6
40°	87.7	91.1	95.4	99.6	103.9	107.7	112.3	116.4	120.1	124.1	127.4
37.5°	92.1	96.6	101.6	106.6	112.3	117.8	124.1	130.4	135.8	142.9	148.6
35°	97.0	102.6	108.5	115.3	122.6	131.2	140.1	150.5	159.4	170.6	181.0
32.5°	102.4	108.9	116.7	126.0	135.9	149.7	162.8	180.4	195.6	215.0	236.3
30°	107.9	116.4	126.9	138.9	155.6	175.3	198.3	228.2	260.5	293.9	339.0
27.5°	114.5	125.5	138.6	157.1	182.2	209.5	256.2	306.7	377.1	432.8	532.1
25°	121.6	135.1	154.5	181.4	216.0	271.2	350.1	441.6	582.4	707.7	851.6
22.5°	129.9	148.3	174.0	209.3	269.5	364.4	487.7	675.5	884.3	1090.3	1278.6
20°	138.7	161.0	196.9	254.3	347.5	484.7	704.7	973.0	1250.2	1532.5	1770.5
17.5°	149.0	179.3	226.6	302.9	435.7	670.7	964.5	1305.7	1667.8	2028.1	2341.0
15°	157.9	195.3	258.9	373.2	571.3	865.3	1226.4	1657.3	2112.6	2580.2	3087.0
12.5°	169.3	214.6	292.3	431.4	691.6	1073.8	1515.5	2015.8	2571.8	3192.7	3982.8
10°	179.7	234.8	336.2	524.6	836.3	1268.5	1765.3	2332.9	3054.1	3987.1	4940.1
7.5°	188.0	250.9	370.2	597.4	957.6	1434.8	1990.2	2670.8	3570.5	4681.5	5770.4
5°	193.7	262.0	394.5	652.3	1055.2	1561.9	2149.8	2919.8	4005.7	5249.8	6361.7
2.5°	197.4	268.1	406.4	684.9	1118.8	1638.4	2249.4	3078.1	4272.5	5611.7	6737.4
0°	199.1	269.1	398.8	700.8	1127.8	1633.0	2258.5	3130.9	4335.8	5709.9	6831.1
-2.5°	197.4	268.1	406.4	684.9	1118.8	1638.4	2249.4	3078.1	4272.5	5611.7	6737.4
-5°	193.7	262.0	394.5	652.3	1055.2	1561.9	2149.8	2919.8	4005.7	5249.8	6361.7
-7.5°	188.0	250.9	370.2	597.4	957.6	1434.8	1990.2	2670.8	3570.5	4681.5	5770.4
-10°	179.7	234.8	336.2	524.6	836.3	1268.5	1765.3	2332.9	3054.1	3987.1	4940.1
-12.5°	169.3	214.6	292.3	431.4	691.6	1073.8	1515.5	2015.8	2571.8	3192.7	3982.8
-15°	157.9	195.3	258.9	373.2	571.3	865.3	1226.4	1657.3	2112.6	2580.2	3087.0
-17.5°	149.0	179.3	226.6	302.9	435.7	670.7	964.5	1305.7	1667.8	2028.1	2341.0
-20°	138.7	161.0	196.9	254.3	347.5	484.7	704.7	973.0	1250.2	1532.5	1770.5

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	129.9	148.3	174.0	209.3	269.5	364.4	487.7	675.5	884.3	1090.3	1278.6
-25°	121.6	135.1	154.5	181.4	216.0	271.2	350.1	441.6	582.4	707.7	851.6
-27.5°	114.5	125.5	138.6	157.1	182.2	209.5	256.2	306.7	377.1	432.8	532.1
-30°	107.9	116.4	126.9	138.9	155.6	175.3	198.3	228.2	260.5	293.9	339.0
-32.5°	102.4	108.9	116.7	126.0	135.9	149.7	162.8	180.4	195.6	215.0	236.3
-35°	97.0	102.6	108.5	115.3	122.6	131.2	140.1	150.5	159.4	170.6	181.0
-37.5°	92.1	96.6	101.6	106.6	112.3	117.8	124.1	130.4	135.8	142.9	148.6
-40°	87.7	91.1	95.4	99.6	103.9	107.7	112.3	116.4	120.1	124.1	127.4
-42.5°	83.5	86.7	89.8	93.4	96.9	100.2	103.3	105.9	108.4	110.8	112.6
-45°	79.8	82.6	85.3	88.0	90.6	93.6	96.2	98.2	99.7	100.9	101.9
-47.5°	76.0	78.6	81.1	83.4	85.7	87.9	90.0	91.4	92.4	93.2	93.7
-50°	72.4	74.8	77.1	79.1	81.1	83.0	84.7	85.8	86.5	86.9	87.0
-52.5°	69.1	71.2	73.3	75.2	76.9	78.5	79.8	80.6	81.2	81.6	81.7
-55°	65.5	67.6	69.6	71.2	72.8	74.3	75.3	75.9	76.3	76.5	76.7
-57.5°	61.6	63.7	65.6	67.1	68.6	70.0	71.0	71.5	71.9	72.1	72.2
-60°	57.1	59.0	60.7	62.2	63.7	65.2	65.9	66.4	66.8	67.3	67.7
-62.5°	52.0	53.7	55.1	56.3	57.5	58.7	59.4	59.9	60.3	60.7	61.0
-65°	46.4	47.9	49.1	50.0	50.8	51.6	52.4	52.9	53.3	53.6	54.0
-67.5°	40.6	42.0	43.1	44.0	44.8	45.4	46.0	46.4	46.7	47.0	47.3
-70°	34.8	36.1	37.3	38.4	39.2	39.8	40.2	40.6	40.9	41.1	41.2
-72.5°	29.1	30.3	31.4	32.4	33.3	33.9	34.3	34.7	35.0	35.2	35.3
-75°	23.8	24.8	25.7	26.5	27.3	27.9	28.2	28.5	28.7	28.9	29.1
-77.5°	18.5	19.3	20.0	20.7	21.4	21.9	22.3	22.6	22.9	23.0	23.2
-80°	13.6	14.3	14.9	15.4	15.9	16.2	16.5	16.8	17.1	17.2	17.3
-82.5°	9.4	9.8	10.2	10.7	11.1	11.2	11.3	11.4	11.5	11.6	11.8
-85°	5.5	5.7	5.9	6.1	6.3	6.3	6.4	6.3	6.3	6.4	6.5
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-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: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
85°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.3
82.5°	11.9	11.9	12.0	12.0	12.0	11.9	11.9	11.8	11.6	11.5	11.4
80°	17.3	17.2	17.3	17.3	17.3	17.2	17.3	17.3	17.2	17.1	16.8
77.5°	23.2	23.2	23.3	23.3	23.3	23.2	23.2	23.2	23.0	22.9	22.6
75°	29.2	29.2	29.3	29.3	29.3	29.2	29.2	29.1	28.9	28.7	28.5
72.5°	35.3	35.2	35.3	35.3	35.3	35.2	35.3	35.3	35.2	35.0	34.7
70°	41.2	41.1	41.5	41.9	41.5	41.1	41.2	41.2	41.1	40.9	40.6
67.5°	47.5	47.6	48.0	48.4	48.0	47.6	47.5	47.3	47.0	46.7	46.4
65°	54.2	54.2	54.6	55.0	54.6	54.2	54.2	54.0	53.6	53.3	52.9
62.5°	61.3	61.3	61.8	62.2	61.8	61.3	61.3	61.0	60.7	60.3	59.9
60°	67.9	68.0	68.1	68.2	68.1	68.0	67.9	67.7	67.3	66.8	66.4
57.5°	72.3	72.3	72.3	72.4	72.3	72.3	72.3	72.2	72.1	71.9	71.5
55°	76.6	76.4	76.2	75.9	76.2	76.4	76.6	76.7	76.5	76.3	75.9
52.5°	81.6	81.3	81.0	80.7	81.0	81.3	81.6	81.7	81.6	81.2	80.6
50°	87.0	86.7	86.4	86.1	86.4	86.7	87.0	87.0	86.9	86.5	85.8
47.5°	94.1	94.2	94.2	93.9	94.2	94.2	94.1	93.7	93.2	92.4	91.4
45°	102.7	103.0	103.0	102.8	103.0	103.0	102.7	101.9	100.9	99.7	98.2
42.5°	113.9	114.7	115.1	115.4	115.1	114.7	113.9	112.6	110.8	108.4	105.9
40°	129.9	131.4	132.4	133.3	132.4	131.4	129.9	127.4	124.1	120.1	116.4
37.5°	152.8	155.6	156.9	156.1	156.9	155.6	152.8	148.6	142.9	135.8	130.4
35°	189.0	194.3	197.1	197.3	197.1	194.3	189.0	181.0	170.6	159.4	150.5
32.5°	252.1	263.0	268.9	269.7	268.9	263.0	252.1	236.3	215.0	195.6	180.4
30°	373.4	395.7	406.1	403.6	406.1	395.7	373.4	339.0	293.9	260.5	228.2
27.5°	609.2	664.7	697.6	700.2	697.6	664.7	609.2	532.1	432.8	377.1	306.7
25°	979.2	1073.9	1134.6	1135.5	1134.6	1073.9	979.2	851.6	707.7	582.4	441.6
22.5°	1452.8	1582.1	1653.0	1665.3	1653.0	1582.1	1452.8	1278.6	1090.3	884.3	675.5
20°	2001.5	2173.5	2265.6	2265.7	2265.6	2173.5	2001.5	1770.5	1532.5	1250.2	973.0
17.5°	2677.2	2956.6	3132.0	3207.5	3132.0	2956.6	2677.2	2341.0	2028.1	1667.8	1305.7
15°	3575.0	4044.4	4325.8	4376.5	4325.8	4044.4	3575.0	3087.0	2580.2	2112.6	1657.3
12.5°	4668.1	5262.2	5661.6	5808.0	5661.6	5262.2	4668.1	3982.8	3192.7	2571.8	2015.8
10°	5809.4	6359.9	6787.8	6931.6	6787.8	6359.9	5809.4	4940.1	3987.1	3054.1	2332.9
7.5°	6634.0	7290.4	7772.3	7984.0	7772.3	7290.4	6634.0	5770.4	4681.5	3570.5	2670.8
5°	7284.9	8061.6	8510.2	8709.3	8510.2	8061.6	7284.9	6361.7	5249.8	4005.7	2919.8
2.5°	7711.9	8479.4	8954.5	9138.0	8954.5	8479.4	7711.9	6737.4	5611.7	4272.5	3078.1
0°	7871.6	8622.0	9091.4	9315.6	9091.4	8622.0	7871.6	6831.1	5709.9	4335.8	3130.9
-2.5°	7711.9	8479.4	8954.5	9138.0	8954.5	8479.4	7711.9	6737.4	5611.7	4272.5	3078.1
-5°	7284.9	8061.6	8510.2	8709.3	8510.2	8061.6	7284.9	6361.7	5249.8	4005.7	2919.8
-7.5°	6634.0	7290.4	7772.3	7984.0	7772.3	7290.4	6634.0	5770.4	4681.5	3570.5	2670.8
-10°	5809.4	6359.9	6787.8	6931.6	6787.8	6359.9	5809.4	4940.1	3987.1	3054.1	2332.9
-12.5°	4668.1	5262.2	5661.6	5808.0	5661.6	5262.2	4668.1	3982.8	3192.7	2571.8	2015.8
-15°	3575.0	4044.4	4325.8	4376.5	4325.8	4044.4	3575.0	3087.0	2580.2	2112.6	1657.3
-17.5°	2677.2	2956.6	3132.0	3207.5	3132.0	2956.6	2677.2	2341.0	2028.1	1667.8	1305.7
-20°	2001.5	2173.5	2265.6	2265.7	2265.6	2173.5	2001.5	1770.5	1532.5	1250.2	973.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1452.8	1582.1	1653.0	1665.3	1653.0	1582.1	1452.8	1278.6	1090.3	884.3	675.5
-25°	979.2	1073.9	1134.6	1135.5	1134.6	1073.9	979.2	851.6	707.7	582.4	441.6
-27.5°	609.2	664.7	697.6	700.2	697.6	664.7	609.2	532.1	432.8	377.1	306.7
-30°	373.4	395.7	406.1	403.6	406.1	395.7	373.4	339.0	293.9	260.5	228.2
-32.5°	252.1	263.0	268.9	269.7	268.9	263.0	252.1	236.3	215.0	195.6	180.4
-35°	189.0	194.3	197.1	197.3	197.1	194.3	189.0	181.0	170.6	159.4	150.5
-37.5°	152.8	155.6	156.9	156.1	156.9	155.6	152.8	148.6	142.9	135.8	130.4
-40°	129.9	131.4	132.4	133.3	132.4	131.4	129.9	127.4	124.1	120.1	116.4
-42.5°	113.9	114.7	115.1	115.4	115.1	114.7	113.9	112.6	110.8	108.4	105.9
-45°	102.7	103.0	103.0	102.8	103.0	103.0	102.7	101.9	100.9	99.7	98.2
-47.5°	94.1	94.2	94.2	93.9	94.2	94.2	94.1	93.7	93.2	92.4	91.4
-50°	87.0	86.7	86.4	86.1	86.4	86.7	87.0	87.0	86.9	86.5	85.8
-52.5°	81.6	81.3	81.0	80.7	81.0	81.3	81.6	81.7	81.6	81.2	80.6
-55°	76.6	76.4	76.2	75.9	76.2	76.4	76.6	76.7	76.5	76.3	75.9
-57.5°	72.3	72.3	72.3	72.4	72.3	72.3	72.3	72.2	72.1	71.9	71.5
-60°	67.9	68.0	68.1	68.2	68.1	68.0	67.9	67.7	67.3	66.8	66.4
-62.5°	61.3	61.3	61.8	62.2	61.8	61.3	61.3	61.0	60.7	60.3	59.9
-65°	54.2	54.2	54.6	55.0	54.6	54.2	54.2	54.0	53.6	53.3	52.9
-67.5°	47.5	47.6	48.0	48.4	48.0	47.6	47.5	47.3	47.0	46.7	46.4
-70°	41.2	41.1	41.5	41.9	41.5	41.1	41.2	41.2	41.1	40.9	40.6
-72.5°	35.3	35.2	35.3	35.3	35.3	35.2	35.3	35.3	35.2	35.0	34.7
-75°	29.2	29.2	29.3	29.3	29.3	29.2	29.2	29.1	28.9	28.7	28.5
-77.5°	23.2	23.2	23.3	23.3	23.3	23.2	23.2	23.2	23.0	22.9	22.6
-80°	17.3	17.2	17.3	17.3	17.3	17.2	17.3	17.3	17.2	17.1	16.8
-82.5°	11.9	11.9	12.0	12.0	12.0	11.9	11.9	11.8	11.6	11.5	11.4
-85°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.3
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
-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: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-MR-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°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	6.4	6.3	6.3	6.1	5.9	5.7	5.5	5.2	5.0	4.7	4.4
82.5°	11.3	11.2	11.1	10.7	10.2	9.8	9.4	9.0	8.6	8.2	7.8
80°	16.5	16.2	15.9	15.4	14.9	14.3	13.6	13.0	12.3	11.7	11.1
77.5°	22.3	21.9	21.4	20.7	20.0	19.3	18.5	17.6	16.8	16.0	15.1
75°	28.2	27.9	27.3	26.5	25.7	24.8	23.8	22.6	21.5	20.3	19.2
72.5°	34.3	33.9	33.3	32.4	31.4	30.3	29.1	27.8	26.4	24.9	23.4
70°	40.2	39.8	39.2	38.4	37.3	36.1	34.8	33.2	31.6	30.0	28.2
67.5°	46.0	45.4	44.8	44.0	43.1	42.0	40.6	38.8	37.0	35.1	33.1
65°	52.4	51.6	50.8	50.0	49.1	47.9	46.4	44.8	42.8	40.5	38.0
62.5°	59.4	58.7	57.5	56.3	55.1	53.7	52.0	50.2	48.3	46.2	43.2
60°	65.9	65.2	63.7	62.2	60.7	59.0	57.1	55.2	53.2	50.8	48.1
57.5°	71.0	70.0	68.6	67.1	65.6	63.7	61.6	59.7	57.5	55.3	52.7
55°	75.3	74.3	72.8	71.2	69.6	67.6	65.5	63.4	61.3	59.4	56.8
52.5°	79.8	78.5	76.9	75.2	73.3	71.2	69.1	66.8	64.8	62.8	60.6
50°	84.7	83.0	81.1	79.1	77.1	74.8	72.4	70.0	68.2	66.1	63.9
47.5°	90.0	87.9	85.7	83.4	81.1	78.6	76.0	73.4	71.3	69.3	67.0
45°	96.2	93.6	90.6	88.0	85.3	82.6	79.8	77.1	74.4	72.1	70.0
42.5°	103.3	100.2	96.9	93.4	89.8	86.7	83.5	80.6	77.7	74.9	72.4
40°	112.3	107.7	103.9	99.6	95.4	91.1	87.7	84.1	80.9	77.7	74.8
37.5°	124.1	117.8	112.3	106.6	101.6	96.6	92.1	88.2	84.1	80.7	77.4
35°	140.1	131.2	122.6	115.3	108.5	102.6	97.0	92.3	87.9	83.7	80.1
32.5°	162.8	149.7	135.9	126.0	116.7	108.9	102.4	96.7	91.6	87.0	82.8
30°	198.3	175.3	155.6	138.9	126.9	116.4	107.9	101.1	95.2	90.1	85.4
27.5°	256.2	209.5	182.2	157.1	138.6	125.5	114.5	105.6	98.8	93.2	88.1
25°	350.1	271.2	216.0	181.4	154.5	135.1	121.6	110.9	102.5	95.9	89.9
22.5°	487.7	364.4	269.5	209.3	174.0	148.3	129.9	116.2	105.9	98.3	91.8
20°	704.7	484.7	347.5	254.3	196.9	161.0	138.7	122.4	110.1	100.8	93.4
17.5°	964.5	670.7	435.7	302.9	226.6	179.3	149.0	128.3	113.8	103.0	94.8
15°	1226.4	865.3	571.3	373.2	258.9	195.3	157.9	133.5	117.4	105.6	96.5
12.5°	1515.5	1073.8	691.6	431.4	292.3	214.6	169.3	140.4	121.4	108.1	98.1
10°	1765.3	1268.5	836.3	524.6	336.2	234.8	179.7	146.4	124.7	110.1	99.4
7.5°	1990.2	1434.8	957.6	597.4	370.2	250.9	188.0	151.1	127.2	111.6	100.4
5°	2149.8	1561.9	1055.2	652.3	394.5	262.0	193.7	154.4	128.8	112.5	100.9
2.5°	2249.4	1638.4	1118.8	684.9	406.4	268.1	197.4	156.3	130.2	113.6	101.2
0°	2258.5	1633.0	1127.8	700.8	398.8	269.1	199.1	156.7	131.0	114.2	101.1
-2.5°	2249.4	1638.4	1118.8	684.9	406.4	268.1	197.4	156.3	130.2	113.6	101.2
-5°	2149.8	1561.9	1055.2	652.3	394.5	262.0	193.7	154.4	128.8	112.5	100.9
-7.5°	1990.2	1434.8	957.6	597.4	370.2	250.9	188.0	151.1	127.2	111.6	100.4
-10°	1765.3	1268.5	836.3	524.6	336.2	234.8	179.7	146.4	124.7	110.1	99.4
-12.5°	1515.5	1073.8	691.6	431.4	292.3	214.6	169.3	140.4	121.4	108.1	98.1
-15°	1226.4	865.3	571.3	373.2	258.9	195.3	157.9	133.5	117.4	105.6	96.5
-17.5°	964.5	670.7	435.7	302.9	226.6	179.3	149.0	128.3	113.8	103.0	94.8
-20°	704.7	484.7	347.5	254.3	196.9	161.0	138.7	122.4	110.1	100.8	93.4

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REPORT NUMBER: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	487.7	364.4	269.5	209.3	174.0	148.3	129.9	116.2	105.9	98.3	91.8
-25°	350.1	271.2	216.0	181.4	154.5	135.1	121.6	110.9	102.5	95.9	89.9
-27.5°	256.2	209.5	182.2	157.1	138.6	125.5	114.5	105.6	98.8	93.2	88.1
-30°	198.3	175.3	155.6	138.9	126.9	116.4	107.9	101.1	95.2	90.1	85.4
-32.5°	162.8	149.7	135.9	126.0	116.7	108.9	102.4	96.7	91.6	87.0	82.8
-35°	140.1	131.2	122.6	115.3	108.5	102.6	97.0	92.3	87.9	83.7	80.1
-37.5°	124.1	117.8	112.3	106.6	101.6	96.6	92.1	88.2	84.1	80.7	77.4
-40°	112.3	107.7	103.9	99.6	95.4	91.1	87.7	84.1	80.9	77.7	74.8
-42.5°	103.3	100.2	96.9	93.4	89.8	86.7	83.5	80.6	77.7	74.9	72.4
-45°	96.2	93.6	90.6	88.0	85.3	82.6	79.8	77.1	74.4	72.1	70.0
-47.5°	90.0	87.9	85.7	83.4	81.1	78.6	76.0	73.4	71.3	69.3	67.0
-50°	84.7	83.0	81.1	79.1	77.1	74.8	72.4	70.0	68.2	66.1	63.9
-52.5°	79.8	78.5	76.9	75.2	73.3	71.2	69.1	66.8	64.8	62.8	60.6
-55°	75.3	74.3	72.8	71.2	69.6	67.6	65.5	63.4	61.3	59.4	56.8
-57.5°	71.0	70.0	68.6	67.1	65.6	63.7	61.6	59.7	57.5	55.3	52.7
-60°	65.9	65.2	63.7	62.2	60.7	59.0	57.1	55.2	53.2	50.8	48.1
-62.5°	59.4	58.7	57.5	56.3	55.1	53.7	52.0	50.2	48.3	46.2	43.2
-65°	52.4	51.6	50.8	50.0	49.1	47.9	46.4	44.8	42.8	40.5	38.0
-67.5°	46.0	45.4	44.8	44.0	43.1	42.0	40.6	38.8	37.0	35.1	33.1
-70°	40.2	39.8	39.2	38.4	37.3	36.1	34.8	33.2	31.6	30.0	28.2
-72.5°	34.3	33.9	33.3	32.4	31.4	30.3	29.1	27.8	26.4	24.9	23.4
-75°	28.2	27.9	27.3	26.5	25.7	24.8	23.8	22.6	21.5	20.3	19.2
-77.5°	22.3	21.9	21.4	20.7	20.0	19.3	18.5	17.6	16.8	16.0	15.1
-80°	16.5	16.2	15.9	15.4	14.9	14.3	13.6	13.0	12.3	11.7	11.1
-82.5°	11.3	11.2	11.1	10.7	10.2	9.8	9.4	9.0	8.6	8.2	7.8
-85°	6.4	6.3	6.3	6.1	5.9	5.7	5.5	5.2	5.0	4.7	4.4
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-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: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	4.1	3.8	3.4	3.1	2.8	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	7.3	6.8	6.4	5.8	5.3	4.8	4.2	3.7	3.1	2.5	2.2
80°	10.5	9.9	9.3	8.6	7.9	7.2	6.4	5.7	4.8	4.0	3.3
77.5°	14.1	13.2	12.2	11.3	10.5	9.7	8.8	7.7	6.6	5.5	4.5
75°	18.1	16.9	15.7	14.5	13.4	12.2	11.1	9.9	8.5	7.0	5.8
72.5°	22.2	20.8	19.3	17.8	16.5	15.1	13.7	12.1	10.5	8.8	7.1
70°	26.5	24.8	23.2	21.5	19.7	17.9	16.3	14.4	12.4	10.5	8.6
67.5°	31.1	29.0	27.1	25.1	23.1	21.0	18.9	16.8	14.5	12.3	10.1
65°	35.7	33.3	30.9	28.7	26.4	24.1	21.8	19.1	16.6	14.1	11.6
62.5°	40.4	37.6	34.9	32.3	29.8	27.2	24.6	21.6	18.7	15.9	13.2
60°	45.0	41.9	38.9	36.0	33.1	30.2	27.3	24.0	20.8	17.7	14.7
57.5°	49.6	46.1	42.7	39.5	36.3	33.2	29.9	26.3	22.8	19.5	16.2
55°	54.0	50.4	46.4	42.7	39.4	36.1	32.4	28.6	24.8	21.2	17.7
52.5°	57.9	54.3	50.1	45.9	42.2	38.8	34.8	30.9	26.8	22.9	19.2
50°	61.4	57.8	53.6	49.2	44.9	41.0	37.1	33.0	28.8	24.5	20.6
47.5°	64.4	61.0	56.8	52.2	47.6	43.3	39.2	34.9	30.7	26.2	21.9
45°	67.2	64.0	59.9	55.2	50.2	45.5	41.1	36.8	32.4	27.8	23.2
42.5°	69.8	66.7	62.9	58.1	52.8	47.7	43.0	38.5	33.9	29.3	24.5
40°	72.0	69.0	65.8	60.8	55.2	49.7	44.9	40.1	35.4	30.7	25.8
37.5°	74.3	71.2	67.8	63.4	57.5	51.8	46.6	41.7	36.8	32.0	27.0
35°	76.7	73.3	69.7	65.4	59.7	53.8	48.1	43.1	38.1	33.2	28.1
32.5°	78.9	75.2	71.3	67.1	61.8	55.5	49.7	44.5	39.4	34.3	29.1
30°	81.1	76.8	72.8	68.8	63.6	57.2	51.2	45.7	40.6	35.3	30.0
27.5°	82.8	78.2	74.1	70.2	65.1	58.8	52.7	46.9	41.6	36.2	30.8
25°	84.4	79.5	75.2	71.2	66.5	60.5	54.0	48.0	42.6	37.1	31.6
22.5°	85.9	80.6	76.1	72.2	67.9	61.9	55.3	49.1	43.4	37.9	32.2
20°	87.2	81.5	76.9	73.0	68.9	63.1	56.5	50.1	44.2	38.5	32.8
17.5°	88.3	82.5	77.7	73.7	69.5	64.0	57.5	50.9	44.9	39.1	33.3
15°	89.5	83.5	78.4	74.2	70.1	64.8	58.4	51.6	45.4	39.6	33.8
12.5°	90.5	84.2	78.9	74.5	70.5	65.5	59.1	52.2	45.9	40.1	34.3
10°	91.2	84.7	79.3	74.8	70.9	65.9	59.7	52.8	46.4	40.5	34.6
7.5°	91.8	84.9	79.5	74.9	71.2	66.3	60.3	53.4	46.9	40.9	34.9
5°	92.1	85.0	79.6	75.1	71.3	66.7	60.7	53.9	47.3	41.1	35.1
2.5°	92.5	85.1	79.7	75.2	71.3	66.9	60.9	54.2	47.6	41.3	35.3
0°	92.7	84.9	79.5	75.3	71.2	67.0	61.0	54.4	47.8	41.3	35.3
-2.5°	92.5	85.1	79.7	75.2	71.3	66.9	60.9	54.2	47.6	41.3	35.3
-5°	92.1	85.0	79.6	75.1	71.3	66.7	60.7	53.9	47.3	41.1	35.1
-7.5°	91.8	84.9	79.5	74.9	71.2	66.3	60.3	53.4	46.9	40.9	34.9
-10°	91.2	84.7	79.3	74.8	70.9	65.9	59.7	52.8	46.4	40.5	34.6
-12.5°	90.5	84.2	78.9	74.5	70.5	65.5	59.1	52.2	45.9	40.1	34.3
-15°	89.5	83.5	78.4	74.2	70.1	64.8	58.4	51.6	45.4	39.6	33.8
-17.5°	88.3	82.5	77.7	73.7	69.5	64.0	57.5	50.9	44.9	39.1	33.3
-20°	87.2	81.5	76.9	73.0	68.9	63.1	56.5	50.1	44.2	38.5	32.8

Classified

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



REPORT NUMBER: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	85.9	80.6	76.1	72.2	67.9	61.9	55.3	49.1	43.4	37.9	32.2
-25°	84.4	79.5	75.2	71.2	66.5	60.5	54.0	48.0	42.6	37.1	31.6
-27.5°	82.8	78.2	74.1	70.2	65.1	58.8	52.7	46.9	41.6	36.2	30.8
-30°	81.1	76.8	72.8	68.8	63.6	57.2	51.2	45.7	40.6	35.3	30.0
-32.5°	78.9	75.2	71.3	67.1	61.8	55.5	49.7	44.5	39.4	34.3	29.1
-35°	76.7	73.3	69.7	65.4	59.7	53.8	48.1	43.1	38.1	33.2	28.1
-37.5°	74.3	71.2	67.8	63.4	57.5	51.8	46.6	41.7	36.8	32.0	27.0
-40°	72.0	69.0	65.8	60.8	55.2	49.7	44.9	40.1	35.4	30.7	25.8
-42.5°	69.8	66.7	62.9	58.1	52.8	47.7	43.0	38.5	33.9	29.3	24.5
-45°	67.2	64.0	59.9	55.2	50.2	45.5	41.1	36.8	32.4	27.8	23.2
-47.5°	64.4	61.0	56.8	52.2	47.6	43.3	39.2	34.9	30.7	26.2	21.9
-50°	61.4	57.8	53.6	49.2	44.9	41.0	37.1	33.0	28.8	24.5	20.6
-52.5°	57.9	54.3	50.1	45.9	42.2	38.8	34.8	30.9	26.8	22.9	19.2
-55°	54.0	50.4	46.4	42.7	39.4	36.1	32.4	28.6	24.8	21.2	17.7
-57.5°	49.6	46.1	42.7	39.5	36.3	33.2	29.9	26.3	22.8	19.5	16.2
-60°	45.0	41.9	38.9	36.0	33.1	30.2	27.3	24.0	20.8	17.7	14.7
-62.5°	40.4	37.6	34.9	32.3	29.8	27.2	24.6	21.6	18.7	15.9	13.2
-65°	35.7	33.3	30.9	28.7	26.4	24.1	21.8	19.1	16.6	14.1	11.6
-67.5°	31.1	29.0	27.1	25.1	23.1	21.0	18.9	16.8	14.5	12.3	10.1
-70°	26.5	24.8	23.2	21.5	19.7	17.9	16.3	14.4	12.4	10.5	8.6
-72.5°	22.2	20.8	19.3	17.8	16.5	15.1	13.7	12.1	10.5	8.8	7.1
-75°	18.1	16.9	15.7	14.5	13.4	12.2	11.1	9.9	8.5	7.0	5.8
-77.5°	14.1	13.2	12.2	11.3	10.5	9.7	8.8	7.7	6.6	5.5	4.5
-80°	10.5	9.9	9.3	8.6	7.9	7.2	6.4	5.7	4.8	4.0	3.3
-82.5°	7.3	6.8	6.4	5.8	5.3	4.8	4.2	3.7	3.1	2.5	2.2
-85°	4.1	3.8	3.4	3.1	2.8	2.4	2.2	2.0	1.8	1.6	1.4
-87.5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
-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: P626555 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MR-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.5	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	3.6	2.7	2.1	1.6	1.0	0.5	0.0
75°	4.7	3.6	2.5	1.9	1.2	0.6	0.0
72.5°	5.7	4.5	3.2	2.2	1.4	0.7	0.0
70°	6.8	5.3	3.9	2.5	1.6	0.8	0.0
67.5°	8.1	6.2	4.6	3.0	1.8	0.9	0.0
65°	9.4	7.1	5.3	3.5	2.0	1.0	0.0
62.5°	10.6	8.2	5.9	4.0	2.2	1.1	0.0
60°	11.9	9.2	6.6	4.5	2.4	1.2	0.0
57.5°	13.1	10.2	7.4	5.0	2.7	1.3	0.0
55°	14.4	11.2	8.1	5.4	3.0	1.4	0.0
52.5°	15.6	12.2	8.9	5.9	3.3	1.5	0.0
50°	16.7	13.1	9.6	6.3	3.6	1.5	0.0
47.5°	17.8	14.0	10.4	6.7	3.9	1.6	0.0
45°	19.0	14.9	11.0	7.2	4.1	1.7	0.0
42.5°	20.0	15.7	11.7	7.7	4.4	1.8	0.0
40°	21.0	16.5	12.3	8.2	4.6	1.8	0.0
37.5°	22.0	17.2	12.9	8.6	4.9	1.9	0.0
35°	22.9	17.9	13.4	9.0	5.1	2.0	0.0
32.5°	23.8	18.7	14.0	9.4	5.3	2.0	0.0
30°	24.6	19.3	14.4	9.7	5.5	2.1	0.0
27.5°	25.3	19.9	14.9	10.0	5.6	2.1	0.0
25°	26.0	20.5	15.3	10.3	5.8	2.2	0.0
22.5°	26.6	21.0	15.6	10.6	6.0	2.2	0.0
20°	27.1	21.4	16.0	10.8	6.1	2.3	0.0
17.5°	27.6	21.8	16.3	11.0	6.2	2.3	0.0
15°	28.0	22.1	16.5	11.1	6.3	2.3	0.0
12.5°	28.4	22.3	16.8	11.2	6.4	2.3	0.0
10°	28.7	22.5	17.0	11.3	6.5	2.4	0.0
7.5°	29.0	22.7	17.1	11.4	6.5	2.4	0.0
5°	29.1	22.7	17.2	11.4	6.6	2.4	0.0
2.5°	29.3	22.7	17.3	11.4	6.6	2.4	0.0
0°	29.3	22.7	17.3	11.4	6.6	2.4	0.0
-2.5°	29.3	22.7	17.3	11.4	6.6	2.4	0.0
-5°	29.1	22.7	17.2	11.4	6.6	2.4	0.0
-7.5°	29.0	22.7	17.1	11.4	6.5	2.4	0.0
-10°	28.7	22.5	17.0	11.3	6.5	2.4	0.0
-12.5°	28.4	22.3	16.8	11.2	6.4	2.3	0.0
-15°	28.0	22.1	16.5	11.1	6.3	2.3	0.0
-17.5°	27.6	21.8	16.3	11.0	6.2	2.3	0.0
-20°	27.1	21.4	16.0	10.8	6.1	2.3	0.0

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CATALOG NUMBER: GFLD-SA1A-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.6	21.0	15.6	10.6	6.0	2.2	0.0
-25°	26.0	20.5	15.3	10.3	5.8	2.2	0.0
-27.5°	25.3	19.9	14.9	10.0	5.6	2.1	0.0
-30°	24.6	19.3	14.4	9.7	5.5	2.1	0.0
-32.5°	23.8	18.7	14.0	9.4	5.3	2.0	0.0
-35°	22.9	17.9	13.4	9.0	5.1	2.0	0.0
-37.5°	22.0	17.2	12.9	8.6	4.9	1.9	0.0
-40°	21.0	16.5	12.3	8.2	4.6	1.8	0.0
-42.5°	20.0	15.7	11.7	7.7	4.4	1.8	0.0
-45°	19.0	14.9	11.0	7.2	4.1	1.7	0.0
-47.5°	17.8	14.0	10.4	6.7	3.9	1.6	0.0
-50°	16.7	13.1	9.6	6.3	3.6	1.5	0.0
-52.5°	15.6	12.2	8.9	5.9	3.3	1.5	0.0
-55°	14.4	11.2	8.1	5.4	3.0	1.4	0.0
-57.5°	13.1	10.2	7.4	5.0	2.7	1.3	0.0
-60°	11.9	9.2	6.6	4.5	2.4	1.2	0.0
-62.5°	10.6	8.2	5.9	4.0	2.2	1.1	0.0
-65°	9.4	7.1	5.3	3.5	2.0	1.0	0.0
-67.5°	8.1	6.2	4.6	3.0	1.8	0.9	0.0
-70°	6.8	5.3	3.9	2.5	1.6	0.8	0.0
-72.5°	5.7	4.5	3.2	2.2	1.4	0.7	0.0
-75°	4.7	3.6	2.5	1.9	1.2	0.6	0.0
-77.5°	3.6	2.7	2.1	1.6	1.0	0.5	0.0
-80°	2.5	2.1	1.7	1.2	0.8	0.4	0.0
-82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)