

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: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
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-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N18
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

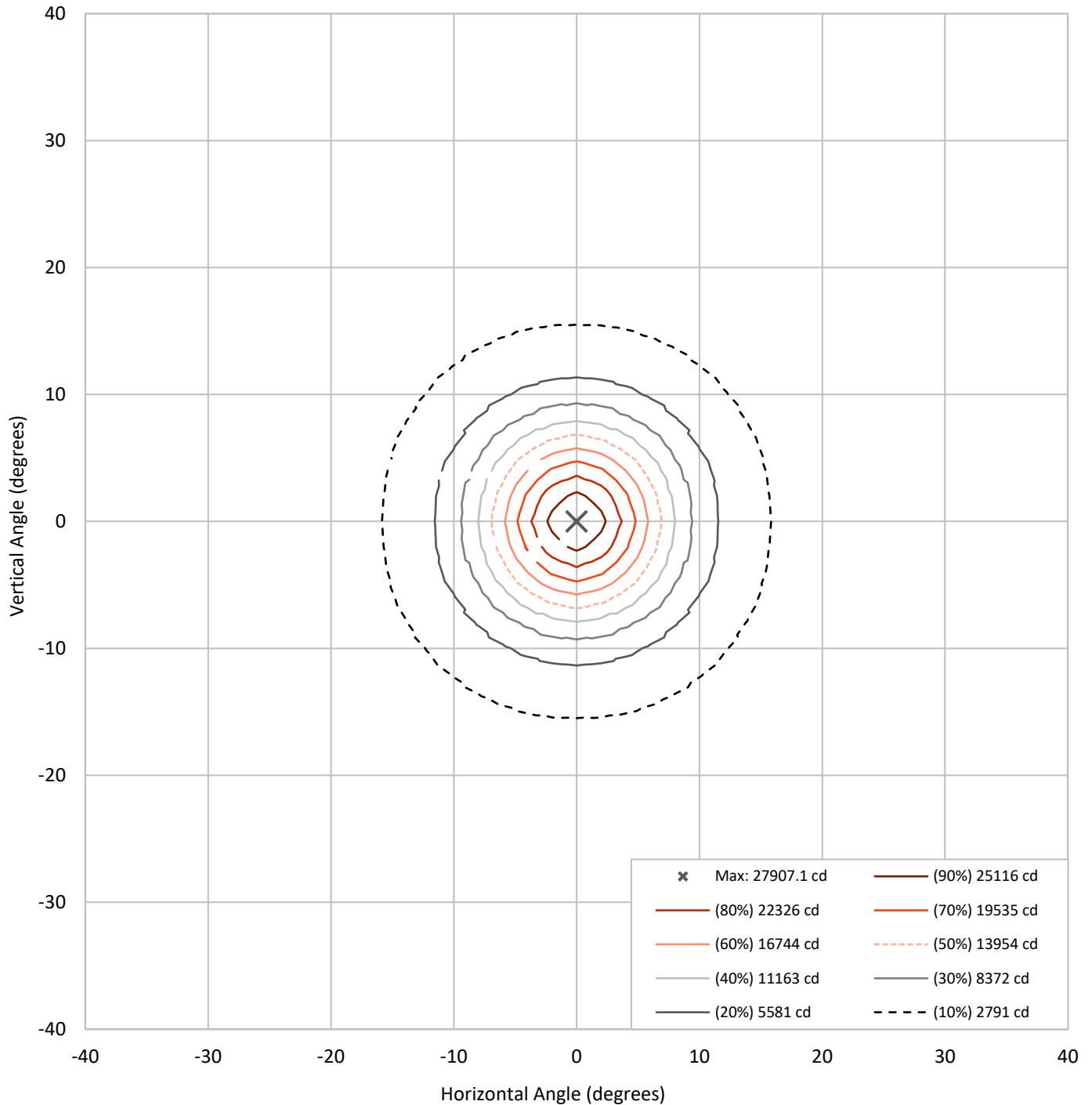
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2963.3 lumens	Max Intensity:	27907.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	163.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	876.1 lumens	Field Lumens:	1971.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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





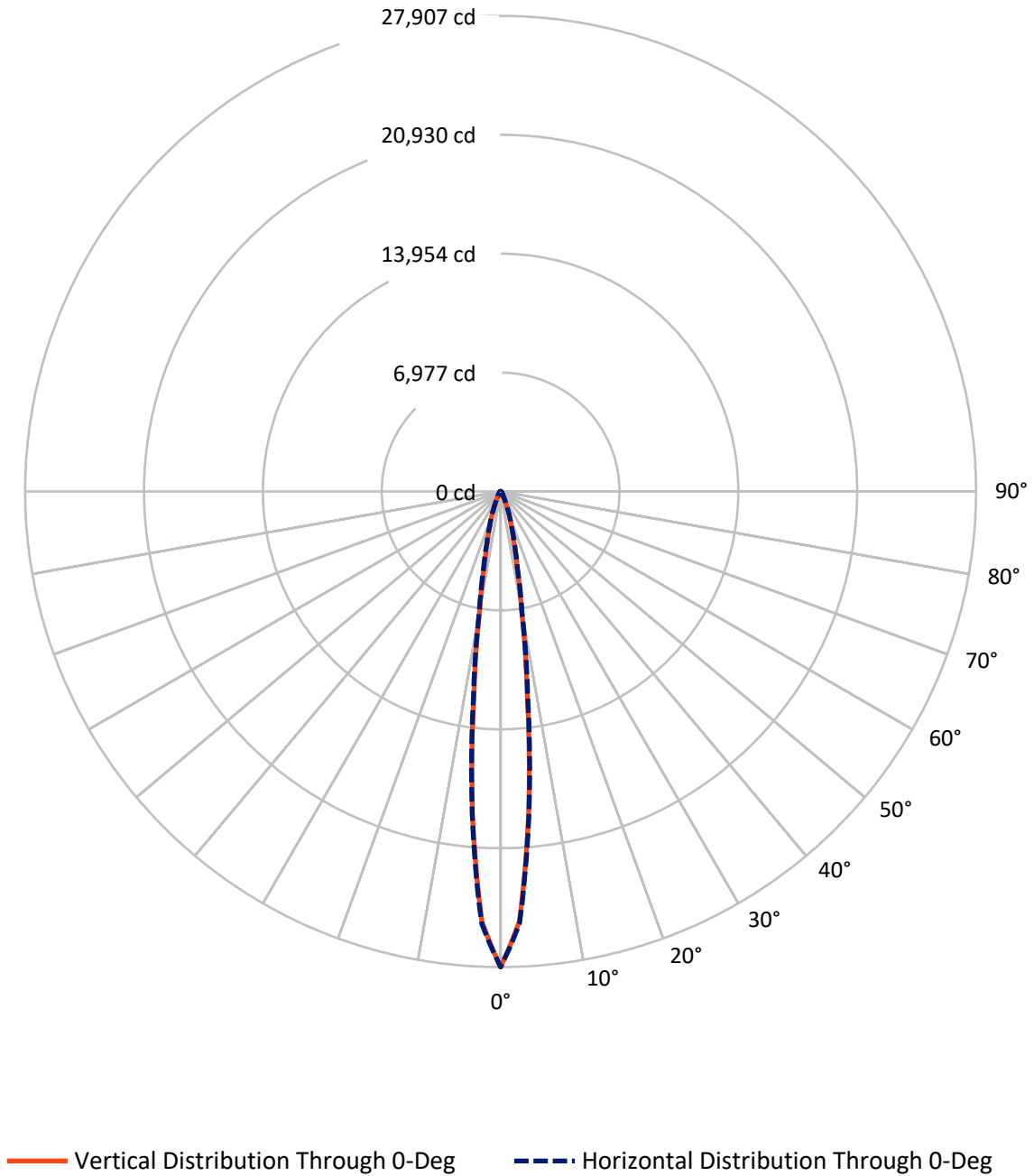
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Lumen Table

90	0.1	0.4	1.1	1.7	1.9	1.7	1.1	0.4	0.1										
80	0.1	0.4	1.1	1.7	1.9	1.7	1.1	0.4	0.1										
70	0.2	0.2	0.4	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.2	1.0	0.7	0.4	0.2	0.2			
60		0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.0	0.6	0.3				
50	0.3	0.4	0.8	1.3	1.7	2.2	2.5	2.7	2.7	2.5	2.2	1.7	1.3	0.8	0.4	0.3			
40		0.5	1.0	1.5	2.1	3.0	4.3	5.3	5.3	4.3	3.0	2.1	1.5	1.0	0.5				
30	0.4	0.6	1.1	1.7	2.7	5.4	12.3	20.4	20.4	12.3	5.4	2.7	1.7	1.1	0.6	0.4			
20		0.6	1.1	1.8	3.6	11.5	40.8	87.9	87.9	40.8	11.5	3.6	1.8	1.1	0.6				
10	0.5	0.6	1.2	2.0	4.4	18.9	88.7	383.4	383.4	88.7	18.9	4.4	2.0	1.2	0.6	0.5			
0		0.6	1.2	2.0	4.4	18.9	88.7	383.4	383.4	88.7	18.9	4.4	2.0	1.2	0.6				
-10	0.4	0.6	1.1	1.8	3.6	11.5	40.8	87.9	87.9	40.8	11.5	3.6	1.8	1.1	0.6	0.4			
-20		0.6	1.1	1.7	2.7	5.4	12.3	20.4	20.4	12.3	5.4	2.7	1.7	1.1	0.6				
-30	0.3	0.5	1.0	1.5	2.1	3.0	4.3	5.3	5.3	4.3	3.0	2.1	1.5	1.0	0.5	0.3			
-40		0.4	0.8	1.3	1.7	2.2	2.5	2.7	2.7	2.5	2.2	1.7	1.3	0.8	0.4				
-50	0.2	0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.0	0.6	0.3	0.2			
-60		0.2	0.4	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.2	1.0	0.7	0.4	0.2				
-70	0.1	0.4	1.1	1.7	1.9	1.7	1.1	0.4	0.1							0.1			
-80		0.4	1.1	1.7	1.9	1.7	1.1	0.4	0.1										
-90	0.1	0.4	1.1	1.7	1.9	1.7	1.1	0.4	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

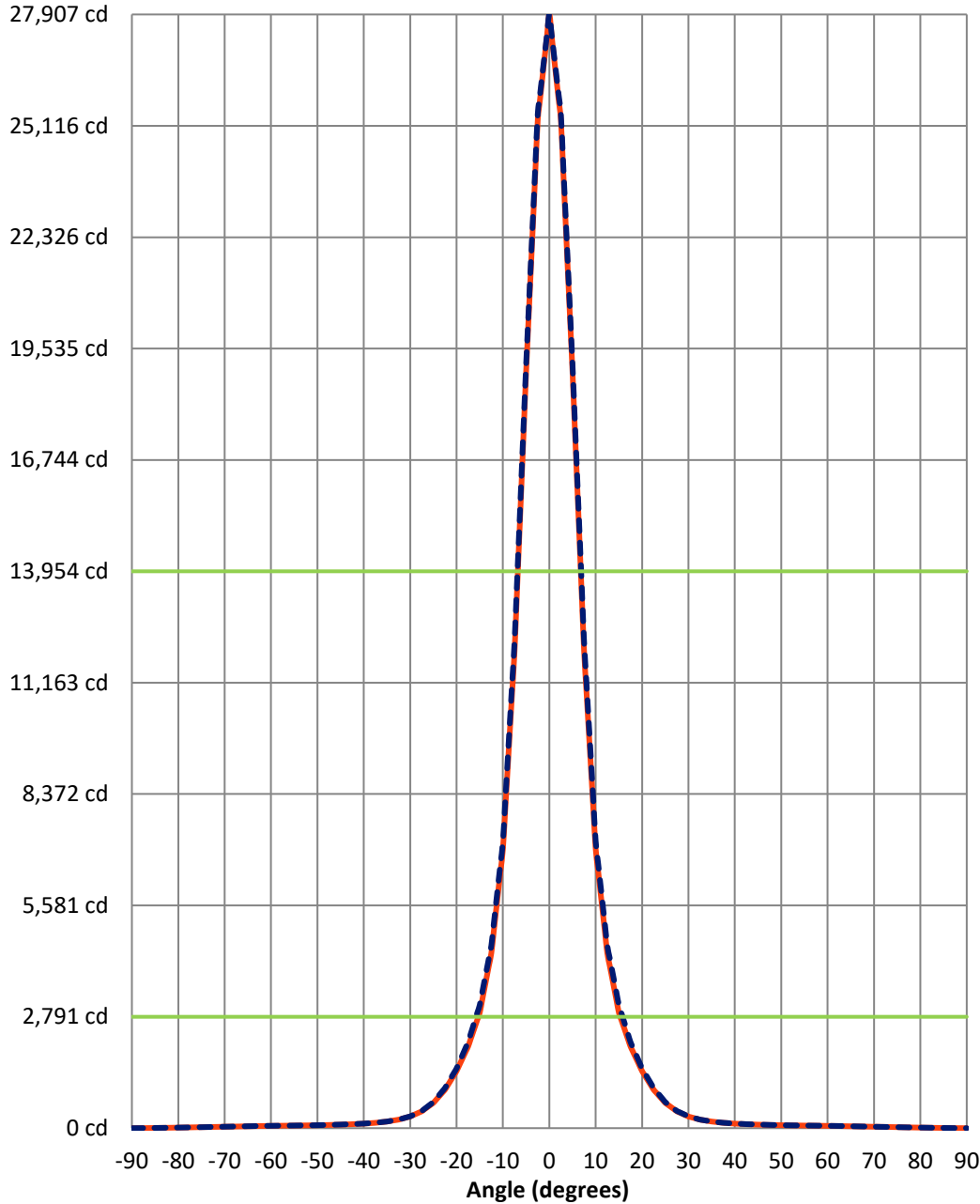
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 876.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 1971.6
 Efficiency: 66.5%

Spill:
 Lumens: 991.7
 Efficiency: 33.5%

— 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	2.9	3.4
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	3.1	3.7	4.3	4.9
77.5°	0.0	0.5	1.0	1.6	2.1	2.7	3.4	4.2	4.9	5.6	6.4
75°	0.0	0.5	1.2	1.9	2.5	3.4	4.3	5.2	6.1	7.1	8.1
72.5°	0.0	0.6	1.4	2.2	3.0	4.1	5.2	6.3	7.5	8.7	9.9
70°	0.0	0.7	1.6	2.5	3.6	4.8	6.1	7.5	8.9	10.2	11.7
67.5°	0.0	0.8	1.8	2.9	4.1	5.5	7.1	8.7	10.2	11.9	13.6
65°	0.0	0.9	2.0	3.2	4.6	6.2	8.1	9.9	11.7	13.6	15.6
62.5°	0.0	1.0	2.2	3.6	5.1	7.0	9.0	11.1	13.2	15.3	17.8
60°	0.0	1.0	2.3	3.9	5.6	7.8	10.0	12.4	14.6	17.2	20.0
57.5°	0.0	1.1	2.5	4.3	6.2	8.6	11.0	13.6	16.2	19.1	22.1
55°	0.0	1.2	2.7	4.6	6.8	9.3	12.0	14.7	17.8	20.9	24.2
52.5°	0.0	1.2	3.0	4.9	7.4	10.0	13.0	16.0	19.3	22.7	26.1
50°	0.0	1.3	3.2	5.2	7.9	10.8	13.9	17.3	20.8	24.3	28.0
47.5°	0.0	1.4	3.3	5.5	8.5	11.6	14.8	18.5	22.2	25.9	29.8
45°	0.0	1.4	3.5	5.9	9.0	12.3	15.8	19.7	23.5	27.5	31.6
42.5°	0.0	1.5	3.7	6.3	9.5	13.0	16.8	20.8	24.8	29.1	33.4
40°	0.0	1.5	3.9	6.6	10.0	13.6	17.7	21.9	26.0	30.6	35.1
37.5°	0.0	1.6	4.1	7.0	10.5	14.2	18.5	22.9	27.3	32.0	36.7
35°	0.0	1.6	4.2	7.3	10.9	14.9	19.4	23.8	28.5	33.3	38.3
32.5°	0.0	1.7	4.4	7.6	11.4	15.5	20.1	24.7	29.5	34.6	39.7
30°	0.0	1.7	4.5	7.9	11.8	16.1	20.8	25.6	30.5	35.8	40.9
27.5°	0.0	1.7	4.6	8.2	12.2	16.7	21.5	26.3	31.4	36.8	42.0
25°	0.0	1.7	4.8	8.4	12.5	17.2	22.1	27.1	32.3	37.8	43.0
22.5°	0.0	1.8	4.9	8.6	12.9	17.6	22.6	27.7	33.1	38.6	43.9
20°	0.0	1.8	5.0	8.8	13.2	18.0	23.1	28.3	33.7	39.3	44.6
17.5°	0.0	1.8	5.1	9.0	13.4	18.3	23.5	28.7	34.3	39.8	45.3
15°	0.0	1.8	5.2	9.2	13.7	18.6	23.8	29.2	34.8	40.3	45.9
12.5°	0.0	1.8	5.2	9.3	13.8	18.8	24.1	29.6	35.3	40.7	46.4
10°	0.0	1.8	5.3	9.4	14.0	19.0	24.3	29.9	35.6	41.1	46.9
7.5°	0.0	1.8	5.3	9.5	14.1	19.1	24.5	30.1	35.8	41.4	47.4
5°	0.0	1.8	5.4	9.6	14.2	19.1	24.5	30.3	35.9	41.7	47.9
2.5°	0.0	1.8	5.4	9.6	14.3	19.1	24.5	30.5	36.0	41.8	48.2
0°	0.0	1.8	5.4	9.6	14.3	19.1	24.5	30.5	35.9	41.9	48.4
-2.5°	0.0	1.8	5.4	9.6	14.3	19.1	24.5	30.5	36.0	41.8	48.2
-5°	0.0	1.8	5.4	9.6	14.2	19.1	24.5	30.3	35.9	41.7	47.9
-7.5°	0.0	1.8	5.3	9.5	14.1	19.1	24.5	30.1	35.8	41.4	47.4
-10°	0.0	1.8	5.3	9.4	14.0	19.0	24.3	29.9	35.6	41.1	46.9
-12.5°	0.0	1.8	5.2	9.3	13.8	18.8	24.1	29.6	35.3	40.7	46.4
-15°	0.0	1.8	5.2	9.2	13.7	18.6	23.8	29.2	34.8	40.3	45.9
-17.5°	0.0	1.8	5.1	9.0	13.4	18.3	23.5	28.7	34.3	39.8	45.3
-20°	0.0	1.8	5.0	8.8	13.2	18.0	23.1	28.3	33.7	39.3	44.6

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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	1.8	4.9	8.6	12.9	17.6	22.6	27.7	33.1	38.6	43.9
-25°	0.0	1.7	4.8	8.4	12.5	17.2	22.1	27.1	32.3	37.8	43.0
-27.5°	0.0	1.7	4.6	8.2	12.2	16.7	21.5	26.3	31.4	36.8	42.0
-30°	0.0	1.7	4.5	7.9	11.8	16.1	20.8	25.6	30.5	35.8	40.9
-32.5°	0.0	1.7	4.4	7.6	11.4	15.5	20.1	24.7	29.5	34.6	39.7
-35°	0.0	1.6	4.2	7.3	10.9	14.9	19.4	23.8	28.5	33.3	38.3
-37.5°	0.0	1.6	4.1	7.0	10.5	14.2	18.5	22.9	27.3	32.0	36.7
-40°	0.0	1.5	3.9	6.6	10.0	13.6	17.7	21.9	26.0	30.6	35.1
-42.5°	0.0	1.5	3.7	6.3	9.5	13.0	16.8	20.8	24.8	29.1	33.4
-45°	0.0	1.4	3.5	5.9	9.0	12.3	15.8	19.7	23.5	27.5	31.6
-47.5°	0.0	1.4	3.3	5.5	8.5	11.6	14.8	18.5	22.2	25.9	29.8
-50°	0.0	1.3	3.2	5.2	7.9	10.8	13.9	17.3	20.8	24.3	28.0
-52.5°	0.0	1.2	3.0	4.9	7.4	10.0	13.0	16.0	19.3	22.7	26.1
-55°	0.0	1.2	2.7	4.6	6.8	9.3	12.0	14.7	17.8	20.9	24.2
-57.5°	0.0	1.1	2.5	4.3	6.2	8.6	11.0	13.6	16.2	19.1	22.1
-60°	0.0	1.0	2.3	3.9	5.6	7.8	10.0	12.4	14.6	17.2	20.0
-62.5°	0.0	1.0	2.2	3.6	5.1	7.0	9.0	11.1	13.2	15.3	17.8
-65°	0.0	0.9	2.0	3.2	4.6	6.2	8.1	9.9	11.7	13.6	15.6
-67.5°	0.0	0.8	1.8	2.9	4.1	5.5	7.1	8.7	10.2	11.9	13.6
-70°	0.0	0.7	1.6	2.5	3.6	4.8	6.1	7.5	8.9	10.2	11.7
-72.5°	0.0	0.6	1.4	2.2	3.0	4.1	5.2	6.3	7.5	8.7	9.9
-75°	0.0	0.5	1.2	1.9	2.5	3.4	4.3	5.2	6.1	7.1	8.1
-77.5°	0.0	0.5	1.0	1.6	2.1	2.7	3.4	4.2	4.9	5.6	6.4
-80°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	3.1	3.7	4.3	4.9
-82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.9	3.4
-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	2.7	2.9	3.1	3.3	3.5	3.6	3.9	4.1	4.4
82.5°	3.8	4.2	4.6	5.0	5.3	5.5	5.7	6.0	6.5	7.0	7.5
80°	5.4	6.0	6.6	7.2	7.7	8.2	8.8	9.3	9.9	10.5	11.0
77.5°	7.2	8.0	8.8	9.6	10.3	11.1	11.9	12.7	13.4	14.0	14.7
75°	9.1	10.1	11.1	12.2	13.1	14.1	15.1	16.1	17.1	18.0	18.9
72.5°	11.1	12.4	13.6	14.8	16.1	17.4	18.6	19.8	21.0	22.2	23.5
70°	13.2	14.6	16.2	17.8	19.3	20.8	22.3	23.7	24.9	26.6	28.3
67.5°	15.3	17.3	19.1	20.9	22.8	24.7	26.2	27.9	29.7	31.7	33.4
65°	17.9	20.0	22.2	24.4	26.7	28.5	30.5	32.6	34.6	36.6	38.4
62.5°	20.4	22.9	25.3	27.7	30.1	32.3	34.7	37.0	39.2	41.5	43.4
60°	22.9	25.6	28.2	30.7	33.4	36.2	38.8	41.4	44.0	46.5	47.9
57.5°	25.2	28.2	30.9	33.7	36.8	40.0	42.7	45.6	47.9	49.6	51.4
55°	27.5	30.5	33.5	36.7	40.0	43.3	46.3	48.9	51.0	52.6	54.5
52.5°	29.5	32.8	36.0	39.5	43.0	46.5	49.7	52.1	54.0	55.7	57.4
50°	31.6	35.0	38.4	42.1	45.9	49.7	52.8	55.0	56.8	58.5	60.3
47.5°	33.6	37.1	40.8	44.8	48.9	52.5	55.5	57.6	59.4	61.4	63.3
45°	35.6	39.4	43.2	47.6	51.7	55.2	57.7	59.8	62.0	64.2	66.3
42.5°	37.5	41.6	45.7	50.3	54.3	57.4	59.8	62.2	64.6	66.9	69.2
40°	39.4	43.7	48.1	52.6	56.7	59.4	61.9	64.5	67.2	69.6	72.2
37.5°	41.2	45.7	50.3	54.8	58.5	61.3	63.9	66.7	69.5	72.2	75.6
35°	43.0	47.5	52.1	56.6	60.1	62.9	65.9	68.8	71.7	75.3	79.1
32.5°	44.5	49.1	53.9	58.0	61.4	64.5	67.8	70.8	74.3	78.4	83.0
30°	45.9	50.6	55.3	59.3	62.7	66.0	69.5	72.9	77.0	81.8	87.3
27.5°	47.0	51.9	56.5	60.5	63.9	67.2	70.8	75.2	79.9	85.3	91.8
25°	48.1	53.2	57.6	61.6	64.9	68.3	72.2	77.0	82.7	89.2	97.1
22.5°	49.1	54.4	58.7	62.6	65.7	69.3	73.7	79.0	85.2	92.8	102.4
20°	50.1	55.4	59.6	63.4	66.2	70.2	75.1	80.7	87.8	96.8	107.9
17.5°	51.0	56.2	60.3	63.8	67.0	71.2	76.2	82.1	90.0	100.4	113.0
15°	51.9	56.8	60.8	64.2	67.7	72.1	77.5	83.8	92.4	103.9	117.5
12.5°	52.6	57.4	61.2	64.5	68.2	72.9	78.6	85.6	95.1	107.3	123.2
10°	53.2	57.8	61.5	64.7	68.6	73.6	79.5	87.1	97.1	110.0	127.5
7.5°	53.7	58.1	61.8	64.8	68.9	74.0	80.2	88.2	98.6	111.9	130.7
5°	54.1	58.4	62.0	65.2	69.3	74.3	80.8	89.0	99.5	113.0	132.6
2.5°	54.3	58.5	62.1	65.5	69.7	74.6	81.2	89.8	100.2	114.1	134.1
0°	54.4	58.6	62.2	65.8	70.0	74.7	81.3	90.3	100.4	114.8	135.1
-2.5°	54.3	58.5	62.1	65.5	69.7	74.6	81.2	89.8	100.2	114.1	134.1
-5°	54.1	58.4	62.0	65.2	69.3	74.3	80.8	89.0	99.5	113.0	132.6
-7.5°	53.7	58.1	61.8	64.8	68.9	74.0	80.2	88.2	98.6	111.9	130.7
-10°	53.2	57.8	61.5	64.7	68.6	73.6	79.5	87.1	97.1	110.0	127.5
-12.5°	52.6	57.4	61.2	64.5	68.2	72.9	78.6	85.6	95.1	107.3	123.2
-15°	51.9	56.8	60.8	64.2	67.7	72.1	77.5	83.8	92.4	103.9	117.5
-17.5°	51.0	56.2	60.3	63.8	67.0	71.2	76.2	82.1	90.0	100.4	113.0
-20°	50.1	55.4	59.6	63.4	66.2	70.2	75.1	80.7	87.8	96.8	107.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	49.1	54.4	58.7	62.6	65.7	69.3	73.7	79.0	85.2	92.8	102.4
-25°	48.1	53.2	57.6	61.6	64.9	68.3	72.2	77.0	82.7	89.2	97.1
-27.5°	47.0	51.9	56.5	60.5	63.9	67.2	70.8	75.2	79.9	85.3	91.8
-30°	45.9	50.6	55.3	59.3	62.7	66.0	69.5	72.9	77.0	81.8	87.3
-32.5°	44.5	49.1	53.9	58.0	61.4	64.5	67.8	70.8	74.3	78.4	83.0
-35°	43.0	47.5	52.1	56.6	60.1	62.9	65.9	68.8	71.7	75.3	79.1
-37.5°	41.2	45.7	50.3	54.8	58.5	61.3	63.9	66.7	69.5	72.2	75.6
-40°	39.4	43.7	48.1	52.6	56.7	59.4	61.9	64.5	67.2	69.6	72.2
-42.5°	37.5	41.6	45.7	50.3	54.3	57.4	59.8	62.2	64.6	66.9	69.2
-45°	35.6	39.4	43.2	47.6	51.7	55.2	57.7	59.8	62.0	64.2	66.3
-47.5°	33.6	37.1	40.8	44.8	48.9	52.5	55.5	57.6	59.4	61.4	63.3
-50°	31.6	35.0	38.4	42.1	45.9	49.7	52.8	55.0	56.8	58.5	60.3
-52.5°	29.5	32.8	36.0	39.5	43.0	46.5	49.7	52.1	54.0	55.7	57.4
-55°	27.5	30.5	33.5	36.7	40.0	43.3	46.3	48.9	51.0	52.6	54.5
-57.5°	25.2	28.2	30.9	33.7	36.8	40.0	42.7	45.6	47.9	49.6	51.4
-60°	22.9	25.6	28.2	30.7	33.4	36.2	38.8	41.4	44.0	46.5	47.9
-62.5°	20.4	22.9	25.3	27.7	30.1	32.3	34.7	37.0	39.2	41.5	43.4
-65°	17.9	20.0	22.2	24.4	26.7	28.5	30.5	32.6	34.6	36.6	38.4
-67.5°	15.3	17.3	19.1	20.9	22.8	24.7	26.2	27.9	29.7	31.7	33.4
-70°	13.2	14.6	16.2	17.8	19.3	20.8	22.3	23.7	24.9	26.6	28.3
-72.5°	11.1	12.4	13.6	14.8	16.1	17.4	18.6	19.8	21.0	22.2	23.5
-75°	9.1	10.1	11.1	12.2	13.1	14.1	15.1	16.1	17.1	18.0	18.9
-77.5°	7.2	8.0	8.8	9.6	10.3	11.1	11.9	12.7	13.4	14.0	14.7
-80°	5.4	6.0	6.6	7.2	7.7	8.2	8.8	9.3	9.9	10.5	11.0
-82.5°	3.8	4.2	4.6	5.0	5.3	5.5	5.7	6.0	6.5	7.0	7.5
-85°	2.2	2.4	2.7	2.9	3.1	3.3	3.5	3.6	3.9	4.1	4.4
-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: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-NR-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	2.2	2.1
85°	4.7	4.9	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.7	5.6
82.5°	7.9	8.2	8.5	8.8	9.0	9.2	9.4	9.6	9.8	9.8	9.7
80°	11.5	12.0	12.5	13.0	13.5	13.8	14.0	14.2	14.3	14.3	14.3
77.5°	15.4	16.2	17.0	17.8	18.6	19.1	19.4	19.7	19.9	19.9	19.9
75°	19.7	20.8	21.9	22.9	23.8	24.3	24.6	25.0	25.2	25.3	25.2
72.5°	24.8	26.1	27.1	28.0	28.7	29.2	29.7	30.1	30.4	30.5	30.6
70°	29.8	31.1	32.1	32.9	33.6	34.2	34.8	35.2	35.6	35.9	36.1
67.5°	34.9	36.4	37.3	38.1	38.7	39.3	40.0	40.6	41.2	41.5	41.7
65°	40.1	41.6	42.5	43.3	44.1	44.8	45.7	46.2	46.6	46.9	47.1
62.5°	45.1	46.5	47.7	48.8	49.9	50.7	51.3	51.8	52.2	52.6	52.9
60°	49.4	51.2	52.5	53.6	54.6	55.7	56.3	56.9	57.3	57.6	57.8
57.5°	53.1	54.9	56.5	57.5	58.7	59.9	60.7	61.1	61.6	61.9	62.1
55°	56.4	58.0	59.5	60.9	62.2	63.3	64.1	64.7	65.2	65.6	65.8
52.5°	59.3	61.1	62.8	64.3	65.5	66.6	67.4	68.2	68.8	69.2	69.3
50°	62.3	64.3	66.1	67.8	69.0	70.2	71.2	72.1	73.0	73.6	74.1
47.5°	65.3	67.4	69.4	71.2	72.7	74.4	75.9	77.2	78.4	79.5	80.2
45°	68.4	70.7	72.9	75.2	77.3	79.5	81.6	83.3	85.2	86.5	87.5
42.5°	71.7	74.3	77.0	79.9	82.8	85.7	88.8	91.6	93.7	95.7	97.3
40°	75.3	78.4	81.8	85.4	89.6	93.4	97.5	101.1	104.3	107.8	110.5
37.5°	79.1	83.0	87.5	92.3	97.7	102.9	108.3	113.7	118.4	123.9	128.1
35°	83.4	88.5	94.1	100.5	107.3	114.7	122.2	130.8	138.2	146.4	153.5
32.5°	88.4	94.6	101.9	110.4	119.0	130.3	140.9	154.6	166.4	179.4	192.4
30°	93.6	101.6	111.1	121.8	135.5	151.0	168.4	188.7	209.8	230.1	254.6
27.5°	99.9	109.6	121.1	136.8	157.0	178.0	207.7	238.4	277.0	309.0	354.0
25°	106.6	118.0	134.3	155.6	182.0	218.4	263.6	312.5	380.5	440.3	510.3
22.5°	113.8	129.2	149.5	175.8	215.9	271.8	340.1	432.2	532.6	639.0	745.0
20°	121.4	140.0	166.6	204.7	259.6	335.3	452.7	594.9	738.2	913.9	1069.5
17.5°	130.1	153.8	186.6	234.2	307.5	423.5	586.3	784.9	1007.2	1259.8	1484.2
15°	137.4	165.7	207.0	273.6	374.5	523.4	728.8	1001.8	1336.0	1675.3	2019.6
12.5°	145.8	178.5	227.1	306.5	433.2	631.1	910.6	1256.3	1673.6	2144.2	2699.1
10°	153.3	191.2	251.5	349.8	504.7	743.5	1082.7	1498.5	2037.0	2714.3	3573.5
7.5°	158.9	201.2	270.4	382.8	566.5	851.5	1245.2	1763.8	2448.1	3342.3	4521.6
5°	162.5	208.6	283.8	408.3	614.9	931.9	1364.3	1952.0	2777.4	4042.2	6039.2
2.5°	164.6	212.9	291.4	423.2	644.3	985.1	1454.9	2094.2	2990.9	4474.8	7015.4
0°	165.6	214.1	296.0	431.1	654.1	1005.7	1496.6	2159.1	3086.4	4575.8	7186.9
-2.5°	164.6	212.9	291.4	423.2	644.3	985.1	1454.9	2094.2	2990.9	4474.8	7015.4
-5°	162.5	208.6	283.8	408.3	614.9	931.9	1364.3	1952.0	2777.4	4042.2	6039.2
-7.5°	158.9	201.2	270.4	382.8	566.5	851.5	1245.2	1763.8	2448.1	3342.3	4521.6
-10°	153.3	191.2	251.5	349.8	504.7	743.5	1082.7	1498.5	2037.0	2714.3	3573.5
-12.5°	145.8	178.5	227.1	306.5	433.2	631.1	910.6	1256.3	1673.6	2144.2	2699.1
-15°	137.4	165.7	207.0	273.6	374.5	523.4	728.8	1001.8	1336.0	1675.3	2019.6
-17.5°	130.1	153.8	186.6	234.2	307.5	423.5	586.3	784.9	1007.2	1259.8	1484.2
-20°	121.4	140.0	166.6	204.7	259.6	335.3	452.7	594.9	738.2	913.9	1069.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	113.8	129.2	149.5	175.8	215.9	271.8	340.1	432.2	532.6	639.0	745.0
-25°	106.6	118.0	134.3	155.6	182.0	218.4	263.6	312.5	380.5	440.3	510.3
-27.5°	99.9	109.6	121.1	136.8	157.0	178.0	207.7	238.4	277.0	309.0	354.0
-30°	93.6	101.6	111.1	121.8	135.5	151.0	168.4	188.7	209.8	230.1	254.6
-32.5°	88.4	94.6	101.9	110.4	119.0	130.3	140.9	154.6	166.4	179.4	192.4
-35°	83.4	88.5	94.1	100.5	107.3	114.7	122.2	130.8	138.2	146.4	153.5
-37.5°	79.1	83.0	87.5	92.3	97.7	102.9	108.3	113.7	118.4	123.9	128.1
-40°	75.3	78.4	81.8	85.4	89.6	93.4	97.5	101.1	104.3	107.8	110.5
-42.5°	71.7	74.3	77.0	79.9	82.8	85.7	88.8	91.6	93.7	95.7	97.3
-45°	68.4	70.7	72.9	75.2	77.3	79.5	81.6	83.3	85.2	86.5	87.5
-47.5°	65.3	67.4	69.4	71.2	72.7	74.4	75.9	77.2	78.4	79.5	80.2
-50°	62.3	64.3	66.1	67.8	69.0	70.2	71.2	72.1	73.0	73.6	74.1
-52.5°	59.3	61.1	62.8	64.3	65.5	66.6	67.4	68.2	68.8	69.2	69.3
-55°	56.4	58.0	59.5	60.9	62.2	63.3	64.1	64.7	65.2	65.6	65.8
-57.5°	53.1	54.9	56.5	57.5	58.7	59.9	60.7	61.1	61.6	61.9	62.1
-60°	49.4	51.2	52.5	53.6	54.6	55.7	56.3	56.9	57.3	57.6	57.8
-62.5°	45.1	46.5	47.7	48.8	49.9	50.7	51.3	51.8	52.2	52.6	52.9
-65°	40.1	41.6	42.5	43.3	44.1	44.8	45.7	46.2	46.6	46.9	47.1
-67.5°	34.9	36.4	37.3	38.1	38.7	39.3	40.0	40.6	41.2	41.5	41.7
-70°	29.8	31.1	32.1	32.9	33.6	34.2	34.8	35.2	35.6	35.9	36.1
-72.5°	24.8	26.1	27.1	28.0	28.7	29.2	29.7	30.1	30.4	30.5	30.6
-75°	19.7	20.8	21.9	22.9	23.8	24.3	24.6	25.0	25.2	25.3	25.2
-77.5°	15.4	16.2	17.0	17.8	18.6	19.1	19.4	19.7	19.9	19.9	19.9
-80°	11.5	12.0	12.5	13.0	13.5	13.8	14.0	14.2	14.3	14.3	14.3
-82.5°	7.9	8.2	8.5	8.8	9.0	9.2	9.4	9.6	9.8	9.8	9.7
-85°	4.7	4.9	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.7	5.6
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.2	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: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-NR-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°	1.9	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.2	2.3	2.3
85°	5.5	5.4	5.4	5.4	5.4	5.4	5.5	5.6	5.7	5.8	5.7
82.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.7	9.8	9.8	9.6
80°	14.3	14.2	14.0	13.8	14.0	14.2	14.3	14.3	14.3	14.3	14.2
77.5°	19.8	19.6	19.4	19.1	19.4	19.6	19.8	19.9	19.9	19.9	19.7
75°	25.1	25.0	25.1	25.1	25.1	25.0	25.1	25.2	25.3	25.2	25.0
72.5°	30.5	30.4	30.5	30.5	30.5	30.4	30.5	30.6	30.5	30.4	30.1
70°	36.3	36.3	36.2	35.9	36.2	36.3	36.3	36.1	35.9	35.6	35.2
67.5°	41.8	41.7	41.6	41.3	41.6	41.7	41.8	41.7	41.5	41.2	40.6
65°	47.1	47.0	47.1	47.2	47.1	47.0	47.1	47.1	46.9	46.6	46.2
62.5°	53.0	53.0	52.9	52.6	52.9	53.0	53.0	52.9	52.6	52.2	51.8
60°	57.9	57.9	57.7	57.4	57.7	57.9	57.9	57.8	57.6	57.3	56.9
57.5°	62.1	62.1	61.9	61.6	61.9	62.1	62.1	62.1	61.9	61.6	61.1
55°	65.8	65.7	65.5	65.2	65.5	65.7	65.8	65.8	65.6	65.2	64.7
52.5°	69.4	69.3	69.3	69.4	69.3	69.3	69.4	69.3	69.2	68.8	68.2
50°	74.4	74.5	74.4	74.1	74.4	74.5	74.4	74.1	73.6	73.0	72.1
47.5°	80.5	80.5	80.4	80.1	80.4	80.5	80.5	80.2	79.5	78.4	77.2
45°	88.2	88.6	88.7	88.5	88.7	88.6	88.2	87.5	86.5	85.2	83.3
42.5°	98.6	99.3	99.5	99.3	99.5	99.3	98.6	97.3	95.7	93.7	91.6
40°	112.2	113.0	113.1	113.0	113.1	113.0	112.2	110.5	107.8	104.3	101.1
37.5°	131.0	132.9	133.8	133.9	133.8	132.9	131.0	128.1	123.9	118.4	113.7
35°	158.9	162.6	164.6	165.6	164.6	162.6	158.9	153.5	146.4	138.2	130.8
32.5°	202.2	209.8	213.9	213.5	213.9	209.8	202.2	192.4	179.4	166.4	154.6
30°	273.1	286.3	293.0	291.2	293.0	286.3	273.1	254.6	230.1	209.8	188.7
27.5°	386.4	410.2	423.9	422.1	423.9	410.2	386.4	354.0	309.0	277.0	238.4
25°	568.9	612.3	640.0	633.2	640.0	612.3	568.9	510.3	440.3	380.5	312.5
22.5°	846.5	920.0	968.7	962.6	968.7	920.0	846.5	745.0	639.0	532.6	432.2
20°	1227.3	1339.2	1419.1	1429.6	1419.1	1339.2	1227.3	1069.5	913.9	738.2	594.9
17.5°	1726.5	1903.9	2027.3	2047.9	2027.3	1903.9	1726.5	1484.2	1259.8	1007.2	784.9
15°	2375.3	2665.1	2874.8	2892.1	2874.8	2665.1	2375.3	2019.6	1675.3	1336.0	1001.8
12.5°	3256.2	3839.0	4219.4	4386.9	4219.4	3839.0	3256.2	2699.1	2144.2	1673.6	1256.3
10°	4475.3	5814.1	6671.5	6993.8	6671.5	5814.1	4475.3	3573.5	2714.3	2037.0	1498.5
7.5°	6511.6	8613.5	10950.4	11946.4	10950.4	8613.5	6511.6	4521.6	3342.3	2448.1	1763.8
5°	8817.5	13179.9	17329.4	18949.7	17329.4	13179.9	8817.5	6039.2	4042.2	2777.4	1952.0
2.5°	11243.9	17324.5	23022.5	25250.9	23022.5	17324.5	11243.9	7015.4	4474.8	2990.9	2094.2
0°	12191.5	19139.3	25408.5	27907.1	25408.5	19139.3	12191.5	7186.9	4575.8	3086.4	2159.1
-2.5°	11243.9	17324.5	23022.5	25250.9	23022.5	17324.5	11243.9	7015.4	4474.8	2990.9	2094.2
-5°	8817.5	13179.9	17329.4	18949.7	17329.4	13179.9	8817.5	6039.2	4042.2	2777.4	1952.0
-7.5°	6511.6	8613.5	10950.4	11946.4	10950.4	8613.5	6511.6	4521.6	3342.3	2448.1	1763.8
-10°	4475.3	5814.1	6671.5	6993.8	6671.5	5814.1	4475.3	3573.5	2714.3	2037.0	1498.5
-12.5°	3256.2	3839.0	4219.4	4386.9	4219.4	3839.0	3256.2	2699.1	2144.2	1673.6	1256.3
-15°	2375.3	2665.1	2874.8	2892.1	2874.8	2665.1	2375.3	2019.6	1675.3	1336.0	1001.8
-17.5°	1726.5	1903.9	2027.3	2047.9	2027.3	1903.9	1726.5	1484.2	1259.8	1007.2	784.9
-20°	1227.3	1339.2	1419.1	1429.6	1419.1	1339.2	1227.3	1069.5	913.9	738.2	594.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	846.5	920.0	968.7	962.6	968.7	920.0	846.5	745.0	639.0	532.6	432.2
-25°	568.9	612.3	640.0	633.2	640.0	612.3	568.9	510.3	440.3	380.5	312.5
-27.5°	386.4	410.2	423.9	422.1	423.9	410.2	386.4	354.0	309.0	277.0	238.4
-30°	273.1	286.3	293.0	291.2	293.0	286.3	273.1	254.6	230.1	209.8	188.7
-32.5°	202.2	209.8	213.9	213.5	213.9	209.8	202.2	192.4	179.4	166.4	154.6
-35°	158.9	162.6	164.6	165.6	164.6	162.6	158.9	153.5	146.4	138.2	130.8
-37.5°	131.0	132.9	133.8	133.9	133.8	132.9	131.0	128.1	123.9	118.4	113.7
-40°	112.2	113.0	113.1	113.0	113.1	113.0	112.2	110.5	107.8	104.3	101.1
-42.5°	98.6	99.3	99.5	99.3	99.5	99.3	98.6	97.3	95.7	93.7	91.6
-45°	88.2	88.6	88.7	88.5	88.7	88.6	88.2	87.5	86.5	85.2	83.3
-47.5°	80.5	80.5	80.4	80.1	80.4	80.5	80.5	80.2	79.5	78.4	77.2
-50°	74.4	74.5	74.4	74.1	74.4	74.5	74.4	74.1	73.6	73.0	72.1
-52.5°	69.4	69.3	69.3	69.4	69.3	69.3	69.4	69.3	69.2	68.8	68.2
-55°	65.8	65.7	65.5	65.2	65.5	65.7	65.8	65.8	65.6	65.2	64.7
-57.5°	62.1	62.1	61.9	61.6	61.9	62.1	62.1	62.1	61.9	61.6	61.1
-60°	57.9	57.9	57.7	57.4	57.7	57.9	57.9	57.8	57.6	57.3	56.9
-62.5°	53.0	53.0	52.9	52.6	52.9	53.0	53.0	52.9	52.6	52.2	51.8
-65°	47.1	47.0	47.1	47.2	47.1	47.0	47.1	47.1	46.9	46.6	46.2
-67.5°	41.8	41.7	41.6	41.3	41.6	41.7	41.8	41.7	41.5	41.2	40.6
-70°	36.3	36.3	36.2	35.9	36.2	36.3	36.3	36.1	35.9	35.6	35.2
-72.5°	30.5	30.4	30.5	30.5	30.5	30.4	30.5	30.6	30.5	30.4	30.1
-75°	25.1	25.0	25.1	25.1	25.1	25.0	25.1	25.2	25.3	25.2	25.0
-77.5°	19.8	19.6	19.4	19.1	19.4	19.6	19.8	19.9	19.9	19.9	19.7
-80°	14.3	14.2	14.0	13.8	14.0	14.2	14.3	14.3	14.3	14.3	14.2
-82.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.7	9.8	9.8	9.6
-85°	5.5	5.4	5.4	5.4	5.4	5.4	5.5	5.6	5.7	5.8	5.7
-87.5°	1.9	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.2	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: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-NR-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°	5.6	5.5	5.3	5.2	5.0	4.9	4.7	4.4	4.1	3.9	3.6
82.5°	9.4	9.2	9.0	8.8	8.5	8.2	7.9	7.5	7.0	6.5	6.0
80°	14.0	13.8	13.5	13.0	12.5	12.0	11.5	11.0	10.5	9.9	9.3
77.5°	19.4	19.1	18.6	17.8	17.0	16.2	15.4	14.7	14.0	13.4	12.7
75°	24.6	24.3	23.8	22.9	21.9	20.8	19.7	18.9	18.0	17.1	16.1
72.5°	29.7	29.2	28.7	28.0	27.1	26.1	24.8	23.5	22.2	21.0	19.8
70°	34.8	34.2	33.6	32.9	32.1	31.1	29.8	28.3	26.6	24.9	23.7
67.5°	40.0	39.3	38.7	38.1	37.3	36.4	34.9	33.4	31.7	29.7	27.9
65°	45.7	44.8	44.1	43.3	42.5	41.6	40.1	38.4	36.6	34.6	32.6
62.5°	51.3	50.7	49.9	48.8	47.7	46.5	45.1	43.4	41.5	39.2	37.0
60°	56.3	55.7	54.6	53.6	52.5	51.2	49.4	47.9	46.5	44.0	41.4
57.5°	60.7	59.9	58.7	57.5	56.5	54.9	53.1	51.4	49.6	47.9	45.6
55°	64.1	63.3	62.2	60.9	59.5	58.0	56.4	54.5	52.6	51.0	48.9
52.5°	67.4	66.6	65.5	64.3	62.8	61.1	59.3	57.4	55.7	54.0	52.1
50°	71.2	70.2	69.0	67.8	66.1	64.3	62.3	60.3	58.5	56.8	55.0
47.5°	75.9	74.4	72.7	71.2	69.4	67.4	65.3	63.3	61.4	59.4	57.6
45°	81.6	79.5	77.3	75.2	72.9	70.7	68.4	66.3	64.2	62.0	59.8
42.5°	88.8	85.7	82.8	79.9	77.0	74.3	71.7	69.2	66.9	64.6	62.2
40°	97.5	93.4	89.6	85.4	81.8	78.4	75.3	72.2	69.6	67.2	64.5
37.5°	108.3	102.9	97.7	92.3	87.5	83.0	79.1	75.6	72.2	69.5	66.7
35°	122.2	114.7	107.3	100.5	94.1	88.5	83.4	79.1	75.3	71.7	68.8
32.5°	140.9	130.3	119.0	110.4	101.9	94.6	88.4	83.0	78.4	74.3	70.8
30°	168.4	151.0	135.5	121.8	111.1	101.6	93.6	87.3	81.8	77.0	72.9
27.5°	207.7	178.0	157.0	136.8	121.1	109.6	99.9	91.8	85.3	79.9	75.2
25°	263.6	218.4	182.0	155.6	134.3	118.0	106.6	97.1	89.2	82.7	77.0
22.5°	340.1	271.8	215.9	175.8	149.5	129.2	113.8	102.4	92.8	85.2	79.0
20°	452.7	335.3	259.6	204.7	166.6	140.0	121.4	107.9	96.8	87.8	80.7
17.5°	586.3	423.5	307.5	234.2	186.6	153.8	130.1	113.0	100.4	90.0	82.1
15°	728.8	523.4	374.5	273.6	207.0	165.7	137.4	117.5	103.9	92.4	83.8
12.5°	910.6	631.1	433.2	306.5	227.1	178.5	145.8	123.2	107.3	95.1	85.6
10°	1082.7	743.5	504.7	349.8	251.5	191.2	153.3	127.5	110.0	97.1	87.1
7.5°	1245.2	851.5	566.5	382.8	270.4	201.2	158.9	130.7	111.9	98.6	88.2
5°	1364.3	931.9	614.9	408.3	283.8	208.6	162.5	132.6	113.0	99.5	89.0
2.5°	1454.9	985.1	644.3	423.2	291.4	212.9	164.6	134.1	114.1	100.2	89.8
0°	1496.6	1005.7	654.1	431.1	296.0	214.1	165.6	135.1	114.8	100.4	90.3
-2.5°	1454.9	985.1	644.3	423.2	291.4	212.9	164.6	134.1	114.1	100.2	89.8
-5°	1364.3	931.9	614.9	408.3	283.8	208.6	162.5	132.6	113.0	99.5	89.0
-7.5°	1245.2	851.5	566.5	382.8	270.4	201.2	158.9	130.7	111.9	98.6	88.2
-10°	1082.7	743.5	504.7	349.8	251.5	191.2	153.3	127.5	110.0	97.1	87.1
-12.5°	910.6	631.1	433.2	306.5	227.1	178.5	145.8	123.2	107.3	95.1	85.6
-15°	728.8	523.4	374.5	273.6	207.0	165.7	137.4	117.5	103.9	92.4	83.8
-17.5°	586.3	423.5	307.5	234.2	186.6	153.8	130.1	113.0	100.4	90.0	82.1
-20°	452.7	335.3	259.6	204.7	166.6	140.0	121.4	107.9	96.8	87.8	80.7

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Scaled Data Report



REPORT NUMBER: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	340.1	271.8	215.9	175.8	149.5	129.2	113.8	102.4	92.8	85.2	79.0
-25°	263.6	218.4	182.0	155.6	134.3	118.0	106.6	97.1	89.2	82.7	77.0
-27.5°	207.7	178.0	157.0	136.8	121.1	109.6	99.9	91.8	85.3	79.9	75.2
-30°	168.4	151.0	135.5	121.8	111.1	101.6	93.6	87.3	81.8	77.0	72.9
-32.5°	140.9	130.3	119.0	110.4	101.9	94.6	88.4	83.0	78.4	74.3	70.8
-35°	122.2	114.7	107.3	100.5	94.1	88.5	83.4	79.1	75.3	71.7	68.8
-37.5°	108.3	102.9	97.7	92.3	87.5	83.0	79.1	75.6	72.2	69.5	66.7
-40°	97.5	93.4	89.6	85.4	81.8	78.4	75.3	72.2	69.6	67.2	64.5
-42.5°	88.8	85.7	82.8	79.9	77.0	74.3	71.7	69.2	66.9	64.6	62.2
-45°	81.6	79.5	77.3	75.2	72.9	70.7	68.4	66.3	64.2	62.0	59.8
-47.5°	75.9	74.4	72.7	71.2	69.4	67.4	65.3	63.3	61.4	59.4	57.6
-50°	71.2	70.2	69.0	67.8	66.1	64.3	62.3	60.3	58.5	56.8	55.0
-52.5°	67.4	66.6	65.5	64.3	62.8	61.1	59.3	57.4	55.7	54.0	52.1
-55°	64.1	63.3	62.2	60.9	59.5	58.0	56.4	54.5	52.6	51.0	48.9
-57.5°	60.7	59.9	58.7	57.5	56.5	54.9	53.1	51.4	49.6	47.9	45.6
-60°	56.3	55.7	54.6	53.6	52.5	51.2	49.4	47.9	46.5	44.0	41.4
-62.5°	51.3	50.7	49.9	48.8	47.7	46.5	45.1	43.4	41.5	39.2	37.0
-65°	45.7	44.8	44.1	43.3	42.5	41.6	40.1	38.4	36.6	34.6	32.6
-67.5°	40.0	39.3	38.7	38.1	37.3	36.4	34.9	33.4	31.7	29.7	27.9
-70°	34.8	34.2	33.6	32.9	32.1	31.1	29.8	28.3	26.6	24.9	23.7
-72.5°	29.7	29.2	28.7	28.0	27.1	26.1	24.8	23.5	22.2	21.0	19.8
-75°	24.6	24.3	23.8	22.9	21.9	20.8	19.7	18.9	18.0	17.1	16.1
-77.5°	19.4	19.1	18.6	17.8	17.0	16.2	15.4	14.7	14.0	13.4	12.7
-80°	14.0	13.8	13.5	13.0	12.5	12.0	11.5	11.0	10.5	9.9	9.3
-82.5°	9.4	9.2	9.0	8.8	8.5	8.2	7.9	7.5	7.0	6.5	6.0
-85°	5.6	5.5	5.3	5.2	5.0	4.9	4.7	4.4	4.1	3.9	3.6
-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: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-NR-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	3.5	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	5.7	5.5	5.3	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.2
80°	8.8	8.2	7.7	7.2	6.6	6.0	5.4	4.9	4.3	3.7	3.1
77.5°	11.9	11.1	10.3	9.6	8.8	8.0	7.2	6.4	5.6	4.9	4.2
75°	15.1	14.1	13.1	12.2	11.1	10.1	9.1	8.1	7.1	6.1	5.2
72.5°	18.6	17.4	16.1	14.8	13.6	12.4	11.1	9.9	8.7	7.5	6.3
70°	22.3	20.8	19.3	17.8	16.2	14.6	13.2	11.7	10.2	8.9	7.5
67.5°	26.2	24.7	22.8	20.9	19.1	17.3	15.3	13.6	11.9	10.2	8.7
65°	30.5	28.5	26.7	24.4	22.2	20.0	17.9	15.6	13.6	11.7	9.9
62.5°	34.7	32.3	30.1	27.7	25.3	22.9	20.4	17.8	15.3	13.2	11.1
60°	38.8	36.2	33.4	30.7	28.2	25.6	22.9	20.0	17.2	14.6	12.4
57.5°	42.7	40.0	36.8	33.7	30.9	28.2	25.2	22.1	19.1	16.2	13.6
55°	46.3	43.3	40.0	36.7	33.5	30.5	27.5	24.2	20.9	17.8	14.7
52.5°	49.7	46.5	43.0	39.5	36.0	32.8	29.5	26.1	22.7	19.3	16.0
50°	52.8	49.7	45.9	42.1	38.4	35.0	31.6	28.0	24.3	20.8	17.3
47.5°	55.5	52.5	48.9	44.8	40.8	37.1	33.6	29.8	25.9	22.2	18.5
45°	57.7	55.2	51.7	47.6	43.2	39.4	35.6	31.6	27.5	23.5	19.7
42.5°	59.8	57.4	54.3	50.3	45.7	41.6	37.5	33.4	29.1	24.8	20.8
40°	61.9	59.4	56.7	52.6	48.1	43.7	39.4	35.1	30.6	26.0	21.9
37.5°	63.9	61.3	58.5	54.8	50.3	45.7	41.2	36.7	32.0	27.3	22.9
35°	65.9	62.9	60.1	56.6	52.1	47.5	43.0	38.3	33.3	28.5	23.8
32.5°	67.8	64.5	61.4	58.0	53.9	49.1	44.5	39.7	34.6	29.5	24.7
30°	69.5	66.0	62.7	59.3	55.3	50.6	45.9	40.9	35.8	30.5	25.6
27.5°	70.8	67.2	63.9	60.5	56.5	51.9	47.0	42.0	36.8	31.4	26.3
25°	72.2	68.3	64.9	61.6	57.6	53.2	48.1	43.0	37.8	32.3	27.1
22.5°	73.7	69.3	65.7	62.6	58.7	54.4	49.1	43.9	38.6	33.1	27.7
20°	75.1	70.2	66.2	63.4	59.6	55.4	50.1	44.6	39.3	33.7	28.3
17.5°	76.2	71.2	67.0	63.8	60.3	56.2	51.0	45.3	39.8	34.3	28.7
15°	77.5	72.1	67.7	64.2	60.8	56.8	51.9	45.9	40.3	34.8	29.2
12.5°	78.6	72.9	68.2	64.5	61.2	57.4	52.6	46.4	40.7	35.3	29.6
10°	79.5	73.6	68.6	64.7	61.5	57.8	53.2	46.9	41.1	35.6	29.9
7.5°	80.2	74.0	68.9	64.8	61.8	58.1	53.7	47.4	41.4	35.8	30.1
5°	80.8	74.3	69.3	65.2	62.0	58.4	54.1	47.9	41.7	35.9	30.3
2.5°	81.2	74.6	69.7	65.5	62.1	58.5	54.3	48.2	41.8	36.0	30.5
0°	81.3	74.7	70.0	65.8	62.2	58.6	54.4	48.4	41.9	35.9	30.5
-2.5°	81.2	74.6	69.7	65.5	62.1	58.5	54.3	48.2	41.8	36.0	30.5
-5°	80.8	74.3	69.3	65.2	62.0	58.4	54.1	47.9	41.7	35.9	30.3
-7.5°	80.2	74.0	68.9	64.8	61.8	58.1	53.7	47.4	41.4	35.8	30.1
-10°	79.5	73.6	68.6	64.7	61.5	57.8	53.2	46.9	41.1	35.6	29.9
-12.5°	78.6	72.9	68.2	64.5	61.2	57.4	52.6	46.4	40.7	35.3	29.6
-15°	77.5	72.1	67.7	64.2	60.8	56.8	51.9	45.9	40.3	34.8	29.2
-17.5°	76.2	71.2	67.0	63.8	60.3	56.2	51.0	45.3	39.8	34.3	28.7
-20°	75.1	70.2	66.2	63.4	59.6	55.4	50.1	44.6	39.3	33.7	28.3

Classified

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



REPORT NUMBER: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	73.7	69.3	65.7	62.6	58.7	54.4	49.1	43.9	38.6	33.1	27.7
-25°	72.2	68.3	64.9	61.6	57.6	53.2	48.1	43.0	37.8	32.3	27.1
-27.5°	70.8	67.2	63.9	60.5	56.5	51.9	47.0	42.0	36.8	31.4	26.3
-30°	69.5	66.0	62.7	59.3	55.3	50.6	45.9	40.9	35.8	30.5	25.6
-32.5°	67.8	64.5	61.4	58.0	53.9	49.1	44.5	39.7	34.6	29.5	24.7
-35°	65.9	62.9	60.1	56.6	52.1	47.5	43.0	38.3	33.3	28.5	23.8
-37.5°	63.9	61.3	58.5	54.8	50.3	45.7	41.2	36.7	32.0	27.3	22.9
-40°	61.9	59.4	56.7	52.6	48.1	43.7	39.4	35.1	30.6	26.0	21.9
-42.5°	59.8	57.4	54.3	50.3	45.7	41.6	37.5	33.4	29.1	24.8	20.8
-45°	57.7	55.2	51.7	47.6	43.2	39.4	35.6	31.6	27.5	23.5	19.7
-47.5°	55.5	52.5	48.9	44.8	40.8	37.1	33.6	29.8	25.9	22.2	18.5
-50°	52.8	49.7	45.9	42.1	38.4	35.0	31.6	28.0	24.3	20.8	17.3
-52.5°	49.7	46.5	43.0	39.5	36.0	32.8	29.5	26.1	22.7	19.3	16.0
-55°	46.3	43.3	40.0	36.7	33.5	30.5	27.5	24.2	20.9	17.8	14.7
-57.5°	42.7	40.0	36.8	33.7	30.9	28.2	25.2	22.1	19.1	16.2	13.6
-60°	38.8	36.2	33.4	30.7	28.2	25.6	22.9	20.0	17.2	14.6	12.4
-62.5°	34.7	32.3	30.1	27.7	25.3	22.9	20.4	17.8	15.3	13.2	11.1
-65°	30.5	28.5	26.7	24.4	22.2	20.0	17.9	15.6	13.6	11.7	9.9
-67.5°	26.2	24.7	22.8	20.9	19.1	17.3	15.3	13.6	11.9	10.2	8.7
-70°	22.3	20.8	19.3	17.8	16.2	14.6	13.2	11.7	10.2	8.9	7.5
-72.5°	18.6	17.4	16.1	14.8	13.6	12.4	11.1	9.9	8.7	7.5	6.3
-75°	15.1	14.1	13.1	12.2	11.1	10.1	9.1	8.1	7.1	6.1	5.2
-77.5°	11.9	11.1	10.3	9.6	8.8	8.0	7.2	6.4	5.6	4.9	4.2
-80°	8.8	8.2	7.7	7.2	6.6	6.0	5.4	4.9	4.3	3.7	3.1
-82.5°	5.7	5.5	5.3	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.2
-85°	3.5	3.3	3.1	2.9	2.7	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: P626559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-NR-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°	3.4	2.7	2.1	1.6	1.0	0.5	0.0
75°	4.3	3.4	2.5	1.9	1.2	0.5	0.0
72.5°	5.2	4.1	3.0	2.2	1.4	0.6	0.0
70°	6.1	4.8	3.6	2.5	1.6	0.7	0.0
67.5°	7.1	5.5	4.1	2.9	1.8	0.8	0.0
65°	8.1	6.2	4.6	3.2	2.0	0.9	0.0
62.5°	9.0	7.0	5.1	3.6	2.2	1.0	0.0
60°	10.0	7.8	5.6	3.9	2.3	1.0	0.0
57.5°	11.0	8.6	6.2	4.3	2.5	1.1	0.0
55°	12.0	9.3	6.8	4.6	2.7	1.2	0.0
52.5°	13.0	10.0	7.4	4.9	3.0	1.2	0.0
50°	13.9	10.8	7.9	5.2	3.2	1.3	0.0
47.5°	14.8	11.6	8.5	5.5	3.3	1.4	0.0
45°	15.8	12.3	9.0	5.9	3.5	1.4	0.0
42.5°	16.8	13.0	9.5	6.3	3.7	1.5	0.0
40°	17.7	13.6	10.0	6.6	3.9	1.5	0.0
37.5°	18.5	14.2	10.5	7.0	4.1	1.6	0.0
35°	19.4	14.9	10.9	7.3	4.2	1.6	0.0
32.5°	20.1	15.5	11.4	7.6	4.4	1.7	0.0
30°	20.8	16.1	11.8	7.9	4.5	1.7	0.0
27.5°	21.5	16.7	12.2	8.2	4.6	1.7	0.0
25°	22.1	17.2	12.5	8.4	4.8	1.7	0.0
22.5°	22.6	17.6	12.9	8.6	4.9	1.8	0.0
20°	23.1	18.0	13.2	8.8	5.0	1.8	0.0
17.5°	23.5	18.3	13.4	9.0	5.1	1.8	0.0
15°	23.8	18.6	13.7	9.2	5.2	1.8	0.0
12.5°	24.1	18.8	13.8	9.3	5.2	1.8	0.0
10°	24.3	19.0	14.0	9.4	5.3	1.8	0.0
7.5°	24.5	19.1	14.1	9.5	5.3	1.8	0.0
5°	24.5	19.1	14.2	9.6	5.4	1.8	0.0
2.5°	24.5	19.1	14.3	9.6	5.4	1.8	0.0
0°	24.5	19.1	14.3	9.6	5.4	1.8	0.0
-2.5°	24.5	19.1	14.3	9.6	5.4	1.8	0.0
-5°	24.5	19.1	14.2	9.6	5.4	1.8	0.0
-7.5°	24.5	19.1	14.1	9.5	5.3	1.8	0.0
-10°	24.3	19.0	14.0	9.4	5.3	1.8	0.0
-12.5°	24.1	18.8	13.8	9.3	5.2	1.8	0.0
-15°	23.8	18.6	13.7	9.2	5.2	1.8	0.0
-17.5°	23.5	18.3	13.4	9.0	5.1	1.8	0.0
-20°	23.1	18.0	13.2	8.8	5.0	1.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.6	17.6	12.9	8.6	4.9	1.8	0.0
-25°	22.1	17.2	12.5	8.4	4.8	1.7	0.0
-27.5°	21.5	16.7	12.2	8.2	4.6	1.7	0.0
-30°	20.8	16.1	11.8	7.9	4.5	1.7	0.0
-32.5°	20.1	15.5	11.4	7.6	4.4	1.7	0.0
-35°	19.4	14.9	10.9	7.3	4.2	1.6	0.0
-37.5°	18.5	14.2	10.5	7.0	4.1	1.6	0.0
-40°	17.7	13.6	10.0	6.6	3.9	1.5	0.0
-42.5°	16.8	13.0	9.5	6.3	3.7	1.5	0.0
-45°	15.8	12.3	9.0	5.9	3.5	1.4	0.0
-47.5°	14.8	11.6	8.5	5.5	3.3	1.4	0.0
-50°	13.9	10.8	7.9	5.2	3.2	1.3	0.0
-52.5°	13.0	10.0	7.4	4.9	3.0	1.2	0.0
-55°	12.0	9.3	6.8	4.6	2.7	1.2	0.0
-57.5°	11.0	8.6	6.2	4.3	2.5	1.1	0.0
-60°	10.0	7.8	5.6	3.9	2.3	1.0	0.0
-62.5°	9.0	7.0	5.1	3.6	2.2	1.0	0.0
-65°	8.1	6.2	4.6	3.2	2.0	0.9	0.0
-67.5°	7.1	5.5	4.1	2.9	1.8	0.8	0.0
-70°	6.1	4.8	3.6	2.5	1.6	0.7	0.0
-72.5°	5.2	4.1	3.0	2.2	1.4	0.6	0.0
-75°	4.3	3.4	2.5	1.9	1.2	0.5	0.0
-77.5°	3.4	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)