

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: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626579 (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-750-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N28
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

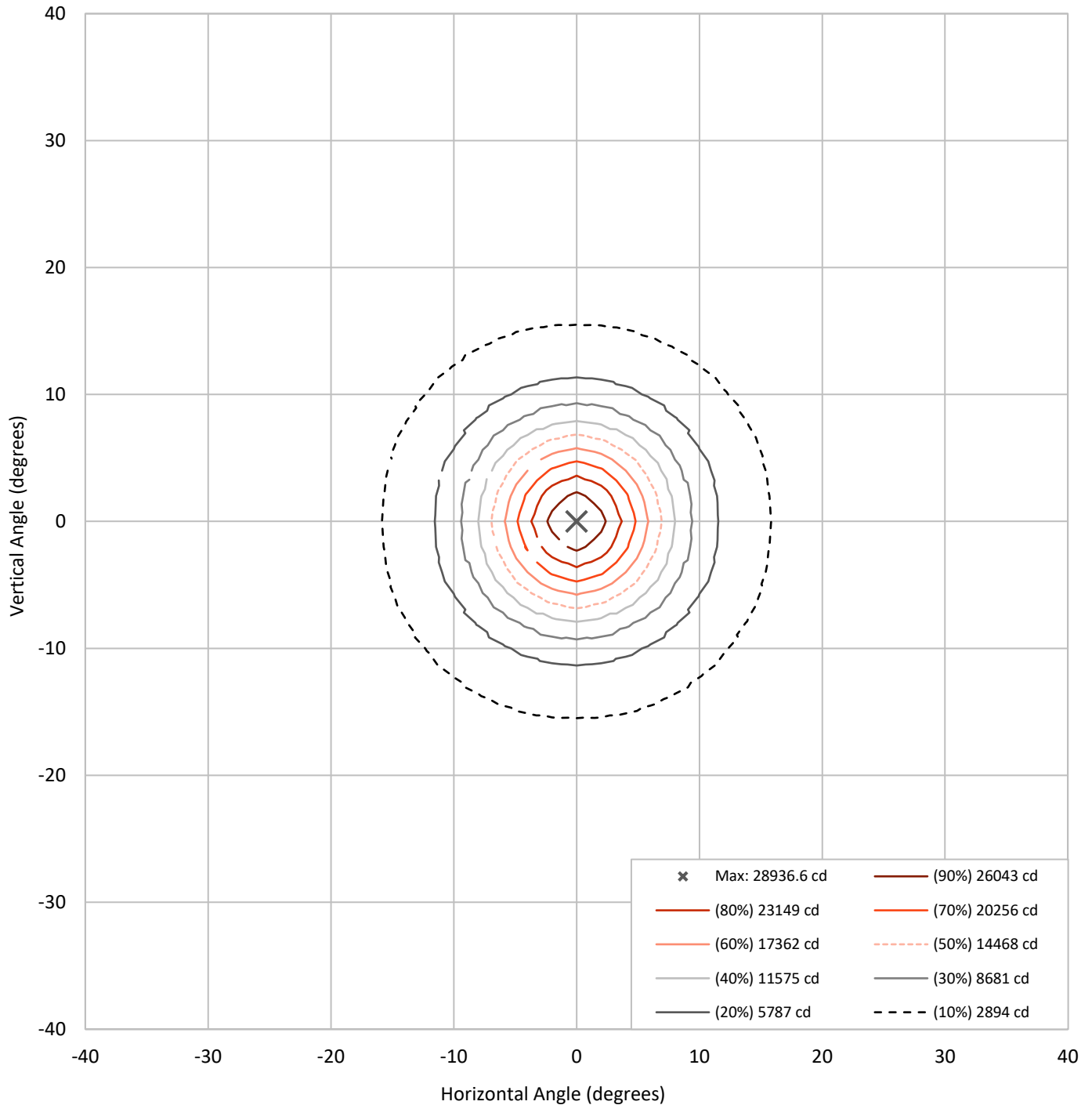
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3072.7 lumens	Max Intensity:	28936.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	169.8 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:	908.4 lumens	Field Lumens:	2044.4 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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CATALOG NUMBER: GFLD-SA1A-750-U-NR-XX

Iso-Candela Plot





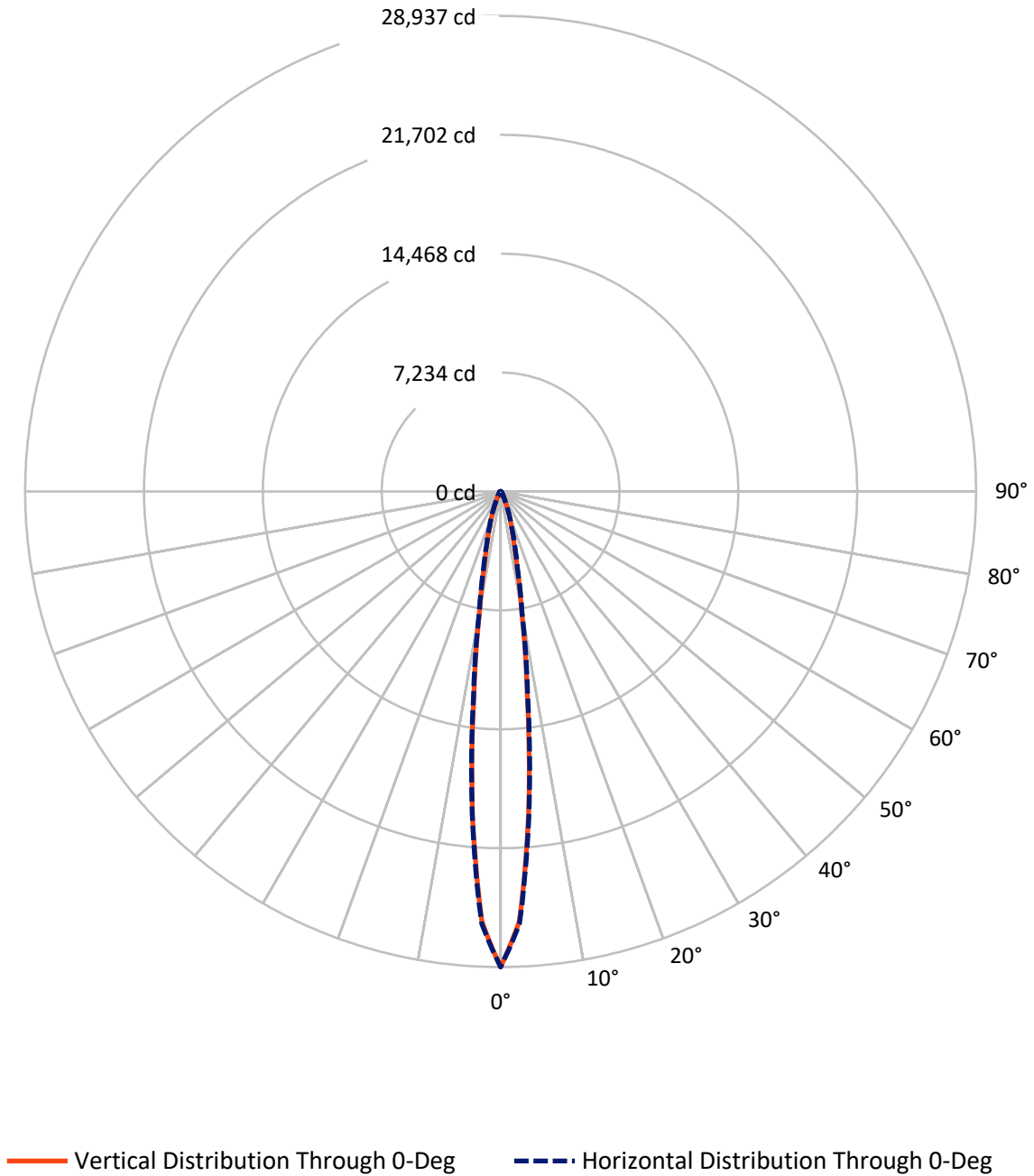
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Lumen Table

90																			
80	0.1	0.4		1.1		1.8		2.0		1.8		1.1		0.4		0.1			
70																			
60	0.2	0.2	0.4	0.7	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.7	0.4	0.2	0.2			
50		0.3	0.7	1.1	1.5	1.8	2.0	2.1	2.1	2.0	1.8	1.5	1.1	0.7	0.3				
40	0.3	0.4	0.9	1.3	1.8	2.2	2.6	2.8	2.8	2.6	2.2	1.8	1.3	0.9	0.4	0.3			
30		0.5	1.0	1.5	2.2	3.1	4.4	5.5	5.5	4.4	3.1	2.2	1.5	1.0	0.5				
20	0.4	0.6	1.1	1.7	2.8	5.6	12.8	21.2	21.2	12.8	5.6	2.8	1.7	1.1	0.6	0.4			
10		0.6	1.2	1.9	3.8	11.9	42.3	91.2	91.2	42.3	11.9	3.8	1.9	1.2	0.6				
0	0.5	0.6	1.2	2.0	4.5	19.6	92.0	397.5	397.5	92.0	19.6	4.5	2.0	1.2	0.6	0.5			
-10		0.6	1.2	2.0	4.5	19.6	92.0	397.5	397.5	92.0	19.6	4.5	2.0	1.2	0.6				
-20	0.4	0.6	1.2	1.9	3.8	11.9	42.3	91.2	91.2	42.3	11.9	3.8	1.9	1.2	0.6	0.4			
-30		0.6	1.1	1.7	2.8	5.6	12.8	21.2	21.2	12.8	5.6	2.8	1.7	1.1	0.6				
-40	0.3	0.5	1.0	1.5	2.2	3.1	4.4	5.5	5.5	4.4	3.1	2.2	1.5	1.0	0.5	0.3			
-50		0.4	0.9	1.3	1.8	2.2	2.6	2.8	2.8	2.6	2.2	1.8	1.3	0.9	0.4				
-60	0.2	0.3	0.7	1.1	1.5	1.8	2.0	2.1	2.1	2.0	1.8	1.5	1.1	0.7	0.3	0.2			
-70		0.2	0.4	0.7	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.7	0.4	0.2				
-80																			
-90	0.1	0.4		1.1		1.8		2.0		1.8		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

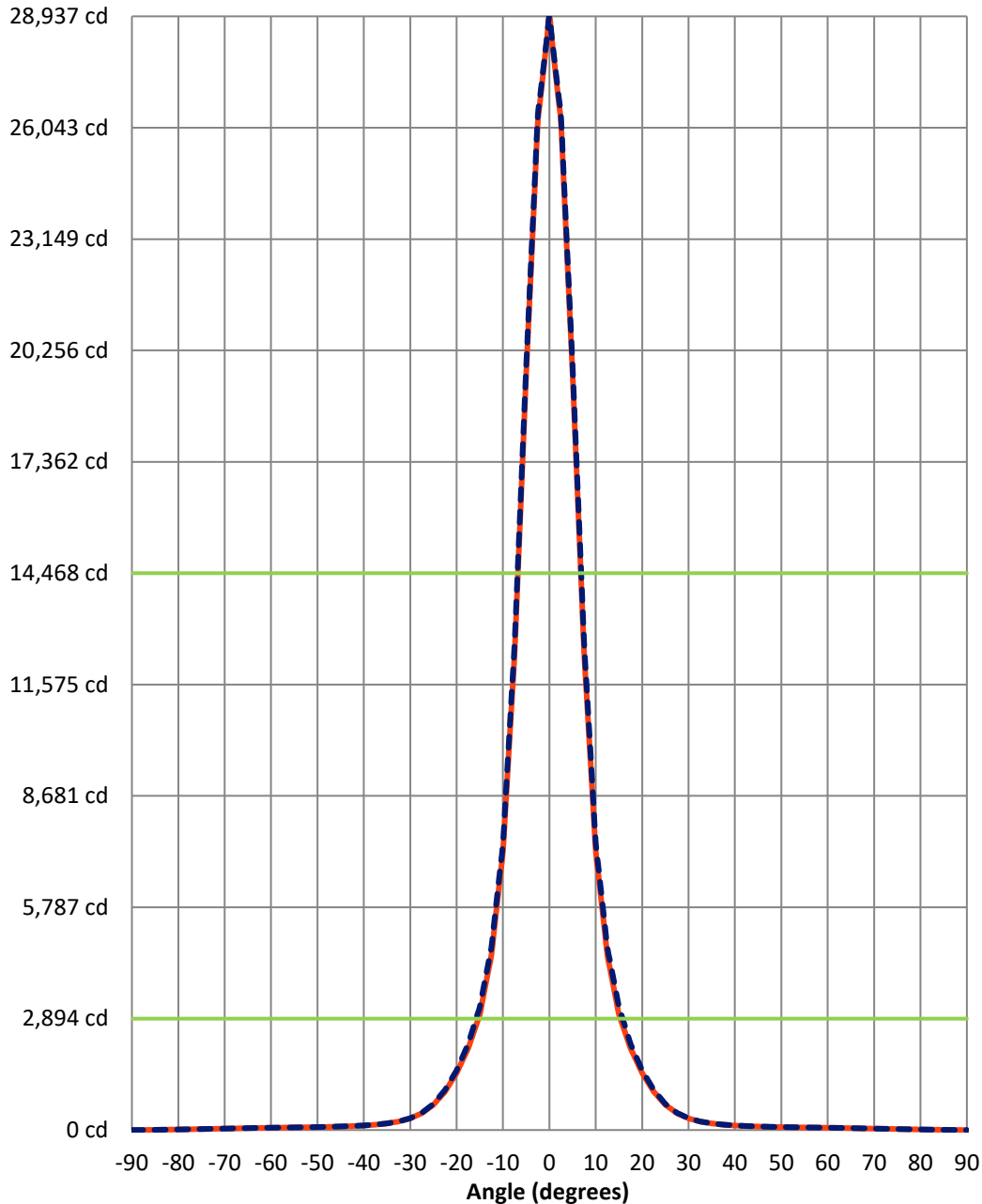
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 908.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 2044.4
 Efficiency: 66.5%

Spill:
 Lumens: 1028.3
 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	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.0	3.5
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4	5.0
77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.5	4.3	5.1	5.8	6.6
75°	0.0	0.6	1.3	1.9	2.6	3.5	4.5	5.4	6.3	7.4	8.4
72.5°	0.0	0.7	1.5	2.2	3.2	4.2	5.4	6.5	7.8	9.0	10.2
70°	0.0	0.7	1.7	2.6	3.7	4.9	6.3	7.8	9.2	10.5	12.1
67.5°	0.0	0.8	1.9	3.0	4.3	5.6	7.3	9.0	10.5	12.3	14.1
65°	0.0	0.9	2.1	3.3	4.8	6.4	8.3	10.2	12.1	14.1	16.2
62.5°	0.0	1.0	2.2	3.7	5.3	7.2	9.3	11.5	13.7	15.9	18.5
60°	0.0	1.1	2.4	4.1	5.8	8.0	10.3	12.8	15.2	17.9	20.8
57.5°	0.0	1.2	2.6	4.4	6.4	8.8	11.4	14.1	16.8	19.9	23.0
55°	0.0	1.2	2.9	4.8	7.0	9.6	12.4	15.3	18.5	21.7	25.1
52.5°	0.0	1.3	3.1	5.1	7.6	10.3	13.5	16.7	20.1	23.5	27.1
50°	0.0	1.4	3.3	5.4	8.2	11.2	14.4	18.0	21.6	25.3	29.1
47.5°	0.0	1.4	3.5	5.7	8.7	12.0	15.4	19.2	23.0	26.9	31.0
45°	0.0	1.5	3.7	6.1	9.3	12.7	16.5	20.5	24.4	28.6	32.8
42.5°	0.0	1.6	3.9	6.5	9.8	13.5	17.5	21.6	25.7	30.2	34.6
40°	0.0	1.6	4.0	6.9	10.3	14.2	18.4	22.7	27.0	31.8	36.4
37.5°	0.0	1.7	4.2	7.2	10.8	14.8	19.3	23.7	28.3	33.2	38.1
35°	0.0	1.7	4.4	7.6	11.3	15.5	20.1	24.7	29.5	34.6	39.7
32.5°	0.0	1.7	4.5	7.9	11.8	16.2	20.9	25.6	30.6	35.9	41.1
30°	0.0	1.8	4.7	8.2	12.2	16.8	21.7	26.5	31.7	37.1	42.4
27.5°	0.0	1.8	4.8	8.4	12.6	17.3	22.3	27.3	32.6	38.2	43.6
25°	0.0	1.8	5.0	8.7	13.0	17.9	22.9	28.1	33.5	39.1	44.6
22.5°	0.0	1.9	5.1	8.9	13.4	18.3	23.5	28.7	34.3	40.0	45.5
20°	0.0	1.9	5.2	9.1	13.7	18.7	24.0	29.3	35.0	40.7	46.3
17.5°	0.0	1.9	5.3	9.3	14.0	19.1	24.4	29.8	35.6	41.3	47.0
15°	0.0	1.9	5.4	9.5	14.2	19.3	24.7	30.2	36.1	41.8	47.6
12.5°	0.0	1.9	5.4	9.6	14.4	19.5	25.0	30.6	36.5	42.2	48.1
10°	0.0	1.9	5.5	9.7	14.6	19.7	25.2	31.0	36.9	42.6	48.6
7.5°	0.0	1.9	5.5	9.8	14.7	19.8	25.3	31.2	37.1	42.9	49.2
5°	0.0	1.9	5.6	9.9	14.8	19.9	25.4	31.4	37.2	43.2	49.7
2.5°	0.0	1.9	5.6	9.9	14.9	19.9	25.4	31.6	37.3	43.3	50.0
0°	0.0	1.9	5.6	9.9	14.9	19.8	25.4	31.6	37.2	43.4	50.2
-2.5°	0.0	1.9	5.6	9.9	14.9	19.9	25.4	31.6	37.3	43.3	50.0
-5°	0.0	1.9	5.6	9.9	14.8	19.9	25.4	31.4	37.2	43.2	49.7
-7.5°	0.0	1.9	5.5	9.8	14.7	19.8	25.3	31.2	37.1	42.9	49.2
-10°	0.0	1.9	5.5	9.7	14.6	19.7	25.2	31.0	36.9	42.6	48.6
-12.5°	0.0	1.9	5.4	9.6	14.4	19.5	25.0	30.6	36.5	42.2	48.1
-15°	0.0	1.9	5.4	9.5	14.2	19.3	24.7	30.2	36.1	41.8	47.6
-17.5°	0.0	1.9	5.3	9.3	14.0	19.1	24.4	29.8	35.6	41.3	47.0
-20°	0.0	1.9	5.2	9.1	13.7	18.7	24.0	29.3	35.0	40.7	46.3

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	5.1	8.9	13.4	18.3	23.5	28.7	34.3	40.0	45.5
-25°	0.0	1.8	5.0	8.7	13.0	17.9	22.9	28.1	33.5	39.1	44.6
-27.5°	0.0	1.8	4.8	8.4	12.6	17.3	22.3	27.3	32.6	38.2	43.6
-30°	0.0	1.8	4.7	8.2	12.2	16.8	21.7	26.5	31.7	37.1	42.4
-32.5°	0.0	1.7	4.5	7.9	11.8	16.2	20.9	25.6	30.6	35.9	41.1
-35°	0.0	1.7	4.4	7.6	11.3	15.5	20.1	24.7	29.5	34.6	39.7
-37.5°	0.0	1.7	4.2	7.2	10.8	14.8	19.3	23.7	28.3	33.2	38.1
-40°	0.0	1.6	4.0	6.9	10.3	14.2	18.4	22.7	27.0	31.8	36.4
-42.5°	0.0	1.6	3.9	6.5	9.8	13.5	17.5	21.6	25.7	30.2	34.6
-45°	0.0	1.5	3.7	6.1	9.3	12.7	16.5	20.5	24.4	28.6	32.8
-47.5°	0.0	1.4	3.5	5.7	8.7	12.0	15.4	19.2	23.0	26.9	31.0
-50°	0.0	1.4	3.3	5.4	8.2	11.2	14.4	18.0	21.6	25.3	29.1
-52.5°	0.0	1.3	3.1	5.1	7.6	10.3	13.5	16.7	20.1	23.5	27.1
-55°	0.0	1.2	2.9	4.8	7.0	9.6	12.4	15.3	18.5	21.7	25.1
-57.5°	0.0	1.2	2.6	4.4	6.4	8.8	11.4	14.1	16.8	19.9	23.0
-60°	0.0	1.1	2.4	4.1	5.8	8.0	10.3	12.8	15.2	17.9	20.8
-62.5°	0.0	1.0	2.2	3.7	5.3	7.2	9.3	11.5	13.7	15.9	18.5
-65°	0.0	0.9	2.1	3.3	4.8	6.4	8.3	10.2	12.1	14.1	16.2
-67.5°	0.0	0.8	1.9	3.0	4.3	5.6	7.3	9.0	10.5	12.3	14.1
-70°	0.0	0.7	1.7	2.6	3.7	4.9	6.3	7.8	9.2	10.5	12.1
-72.5°	0.0	0.7	1.5	2.2	3.2	4.2	5.4	6.5	7.8	9.0	10.2
-75°	0.0	0.6	1.3	1.9	2.6	3.5	4.5	5.4	6.3	7.4	8.4
-77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.5	4.3	5.1	5.8	6.6
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4	5.0
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.0	3.5
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
-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°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	2.3	2.5	2.8	3.0	3.3	3.5	3.6	3.8	4.0	4.3	4.6
82.5°	3.9	4.3	4.8	5.2	5.4	5.7	5.9	6.2	6.7	7.2	7.7
80°	5.6	6.2	6.8	7.4	8.0	8.5	9.1	9.6	10.2	10.8	11.3
77.5°	7.5	8.3	9.1	9.9	10.6	11.5	12.3	13.1	13.9	14.6	15.3
75°	9.4	10.4	11.5	12.6	13.6	14.7	15.7	16.7	17.7	18.7	19.6
72.5°	11.5	12.8	14.1	15.4	16.7	18.1	19.4	20.6	21.8	23.1	24.4
70°	13.7	15.2	16.9	18.5	20.0	21.6	23.2	24.6	25.9	27.6	29.4
67.5°	15.9	18.0	19.9	21.7	23.7	25.6	27.2	29.0	30.8	32.8	34.6
65°	18.6	20.8	23.0	25.3	27.7	29.6	31.6	33.8	35.9	37.9	39.8
62.5°	21.2	23.7	26.3	28.8	31.2	33.5	35.9	38.3	40.6	43.0	45.0
60°	23.7	26.6	29.3	31.9	34.6	37.5	40.2	42.9	45.7	48.3	49.7
57.5°	26.2	29.2	32.0	35.0	38.1	41.4	44.3	47.3	49.7	51.5	53.3
55°	28.5	31.6	34.7	38.0	41.5	44.9	48.0	50.7	52.9	54.6	56.5
52.5°	30.6	34.0	37.3	40.9	44.6	48.2	51.5	54.0	56.0	57.7	59.5
50°	32.8	36.3	39.8	43.7	47.7	51.5	54.8	57.1	58.9	60.7	62.5
47.5°	34.8	38.5	42.3	46.5	50.8	54.5	57.6	59.7	61.6	63.6	65.6
45°	36.9	40.8	44.9	49.4	53.7	57.3	59.9	62.0	64.3	66.5	68.7
42.5°	38.9	43.1	47.5	52.2	56.3	59.6	62.0	64.5	67.0	69.4	71.8
40°	40.9	45.4	50.0	54.6	58.8	61.6	64.2	66.8	69.6	72.2	74.9
37.5°	42.8	47.4	52.2	56.9	60.7	63.5	66.2	69.2	72.1	74.9	78.4
35°	44.6	49.3	54.1	58.7	62.3	65.2	68.2	71.4	74.4	78.1	82.0
32.5°	46.2	51.0	55.8	60.1	63.7	66.8	70.2	73.5	77.1	81.3	86.0
30°	47.6	52.4	57.4	61.5	65.0	68.3	72.0	75.6	79.9	84.8	90.5
27.5°	48.8	53.8	58.6	62.7	66.2	69.6	73.4	78.0	82.9	88.5	95.1
25°	49.9	55.1	59.7	63.8	67.3	70.8	74.9	79.9	85.8	92.5	100.7
22.5°	51.0	56.4	60.9	64.8	68.0	71.8	76.5	81.9	88.3	96.2	106.2
20°	52.0	57.4	61.8	65.7	68.6	72.8	77.8	83.7	91.0	100.4	111.9
17.5°	52.9	58.2	62.5	66.1	69.4	73.8	79.1	85.1	93.3	104.2	117.2
15°	53.8	58.9	63.1	66.6	70.1	74.8	80.4	86.9	95.8	107.8	121.8
12.5°	54.5	59.5	63.5	66.9	70.7	75.6	81.5	88.8	98.6	111.3	127.7
10°	55.2	60.0	63.8	67.1	71.1	76.3	82.5	90.3	100.8	114.1	132.2
7.5°	55.7	60.3	64.0	67.2	71.3	76.7	83.2	91.4	102.3	116.0	135.5
5°	56.1	60.6	64.3	67.6	71.8	77.1	83.8	92.2	103.2	117.2	137.6
2.5°	56.3	60.7	64.4	67.9	72.2	77.4	84.2	93.1	103.9	118.3	139.1
0°	56.4	60.8	64.5	68.2	72.5	77.5	84.3	93.6	104.2	119.0	140.1
-2.5°	56.3	60.7	64.4	67.9	72.2	77.4	84.2	93.1	103.9	118.3	139.1
-5°	56.1	60.6	64.3	67.6	71.8	77.1	83.8	92.2	103.2	117.2	137.6
-7.5°	55.7	60.3	64.0	67.2	71.3	76.7	83.2	91.4	102.3	116.0	135.5
-10°	55.2	60.0	63.8	67.1	71.1	76.3	82.5	90.3	100.8	114.1	132.2
-12.5°	54.5	59.5	63.5	66.9	70.7	75.6	81.5	88.8	98.6	111.3	127.7
-15°	53.8	58.9	63.1	66.6	70.1	74.8	80.4	86.9	95.8	107.8	121.8
-17.5°	52.9	58.2	62.5	66.1	69.4	73.8	79.1	85.1	93.3	104.2	117.2
-20°	52.0	57.4	61.8	65.7	68.6	72.8	77.8	83.7	91.0	100.4	111.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	51.0	56.4	60.9	64.8	68.0	71.8	76.5	81.9	88.3	96.2	106.2
-25°	49.9	55.1	59.7	63.8	67.3	70.8	74.9	79.9	85.8	92.5	100.7
-27.5°	48.8	53.8	58.6	62.7	66.2	69.6	73.4	78.0	82.9	88.5	95.1
-30°	47.6	52.4	57.4	61.5	65.0	68.3	72.0	75.6	79.9	84.8	90.5
-32.5°	46.2	51.0	55.8	60.1	63.7	66.8	70.2	73.5	77.1	81.3	86.0
-35°	44.6	49.3	54.1	58.7	62.3	65.2	68.2	71.4	74.4	78.1	82.0
-37.5°	42.8	47.4	52.2	56.9	60.7	63.5	66.2	69.2	72.1	74.9	78.4
-40°	40.9	45.4	50.0	54.6	58.8	61.6	64.2	66.8	69.6	72.2	74.9
-42.5°	38.9	43.1	47.5	52.2	56.3	59.6	62.0	64.5	67.0	69.4	71.8
-45°	36.9	40.8	44.9	49.4	53.7	57.3	59.9	62.0	64.3	66.5	68.7
-47.5°	34.8	38.5	42.3	46.5	50.8	54.5	57.6	59.7	61.6	63.6	65.6
-50°	32.8	36.3	39.8	43.7	47.7	51.5	54.8	57.1	58.9	60.7	62.5
-52.5°	30.6	34.0	37.3	40.9	44.6	48.2	51.5	54.0	56.0	57.7	59.5
-55°	28.5	31.6	34.7	38.0	41.5	44.9	48.0	50.7	52.9	54.6	56.5
-57.5°	26.2	29.2	32.0	35.0	38.1	41.4	44.3	47.3	49.7	51.5	53.3
-60°	23.7	26.6	29.3	31.9	34.6	37.5	40.2	42.9	45.7	48.3	49.7
-62.5°	21.2	23.7	26.3	28.8	31.2	33.5	35.9	38.3	40.6	43.0	45.0
-65°	18.6	20.8	23.0	25.3	27.7	29.6	31.6	33.8	35.9	37.9	39.8
-67.5°	15.9	18.0	19.9	21.7	23.7	25.6	27.2	29.0	30.8	32.8	34.6
-70°	13.7	15.2	16.9	18.5	20.0	21.6	23.2	24.6	25.9	27.6	29.4
-72.5°	11.5	12.8	14.1	15.4	16.7	18.1	19.4	20.6	21.8	23.1	24.4
-75°	9.4	10.4	11.5	12.6	13.6	14.7	15.7	16.7	17.7	18.7	19.6
-77.5°	7.5	8.3	9.1	9.9	10.6	11.5	12.3	13.1	13.9	14.6	15.3
-80°	5.6	6.2	6.8	7.4	8.0	8.5	9.1	9.6	10.2	10.8	11.3
-82.5°	3.9	4.3	4.8	5.2	5.4	5.7	5.9	6.2	6.7	7.2	7.7
-85°	2.3	2.5	2.8	3.0	3.3	3.5	3.6	3.8	4.0	4.3	4.6
-87.5°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
-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: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.3	2.2
85°	4.9	5.0	5.2	5.4	5.5	5.6	5.8	5.9	5.9	5.9	5.8
82.5°	8.1	8.5	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.0	10.0
80°	11.9	12.4	12.9	13.5	14.0	14.3	14.5	14.7	14.8	14.9	14.9
77.5°	16.0	16.8	17.6	18.5	19.3	19.8	20.1	20.4	20.6	20.7	20.7
75°	20.5	21.6	22.7	23.8	24.6	25.2	25.6	25.9	26.2	26.2	26.2
72.5°	25.8	27.1	28.1	29.0	29.7	30.3	30.8	31.2	31.6	31.7	31.7
70°	31.0	32.2	33.2	34.1	34.9	35.5	36.0	36.5	36.9	37.2	37.4
67.5°	36.2	37.7	38.7	39.5	40.1	40.8	41.5	42.2	42.7	43.0	43.2
65°	41.6	43.1	44.1	45.0	45.8	46.6	47.4	48.0	48.4	48.6	48.8
62.5°	46.8	48.2	49.5	50.6	51.7	52.7	53.2	53.7	54.2	54.5	54.8
60°	51.3	53.1	54.5	55.6	56.7	57.8	58.4	59.0	59.4	59.8	60.0
57.5°	55.1	57.0	58.6	59.7	60.8	62.1	62.9	63.4	63.8	64.2	64.4
55°	58.4	60.2	61.7	63.1	64.4	65.5	66.4	67.1	67.6	68.0	68.2
52.5°	61.5	63.3	65.1	66.6	67.9	69.0	69.9	70.7	71.3	71.7	71.9
50°	64.6	66.6	68.5	70.2	71.6	72.8	73.8	74.8	75.7	76.4	76.9
47.5°	67.7	69.9	72.0	73.8	75.4	77.2	78.8	80.1	81.4	82.4	83.2
45°	70.9	73.3	75.6	78.0	80.2	82.5	84.6	86.4	88.3	89.7	90.7
42.5°	74.3	77.1	79.9	82.9	85.8	88.8	92.0	94.9	97.1	99.2	100.9
40°	78.1	81.3	84.8	88.5	92.9	96.8	101.2	104.9	108.3	111.8	114.6
37.5°	82.0	86.0	90.7	95.7	101.3	106.7	112.4	117.9	122.8	128.5	132.8
35°	86.4	91.8	97.6	104.3	111.2	119.0	126.7	135.6	143.3	151.8	159.1
32.5°	91.6	98.0	105.6	114.4	123.4	135.1	146.0	160.3	172.6	186.0	199.5
30°	97.0	105.3	115.2	126.3	140.5	156.6	174.6	195.7	217.5	238.6	264.1
27.5°	103.7	113.7	125.6	141.8	162.8	184.6	215.4	247.1	287.2	320.4	367.1
25°	110.6	122.4	139.3	161.3	188.8	226.5	273.3	324.0	394.5	456.5	529.2
22.5°	118.1	134.0	155.0	182.2	223.8	281.8	352.7	448.1	552.2	662.6	772.5
20°	125.9	145.2	172.7	212.2	269.2	347.7	469.4	616.8	765.5	947.7	1109.0
17.5°	134.9	159.5	193.5	242.8	318.9	439.1	607.9	813.8	1044.3	1306.3	1538.9
15°	142.5	171.8	214.7	283.7	388.3	542.7	755.6	1038.8	1385.2	1737.1	2094.1
12.5°	151.2	185.2	235.5	317.8	449.2	654.4	944.2	1302.6	1735.3	2223.4	2798.7
10°	159.0	198.3	260.8	362.7	523.4	770.9	1122.6	1553.8	2112.1	2814.4	3705.3
7.5°	164.8	208.7	280.4	397.0	587.4	882.9	1291.1	1828.9	2538.3	3465.6	4688.4
5°	168.5	216.2	294.2	423.3	637.6	966.3	1414.6	2024.0	2879.9	4191.4	6262.0
2.5°	170.7	220.7	302.1	438.8	668.1	1021.5	1508.6	2171.5	3101.3	4639.9	7274.1
0°	171.7	221.9	306.9	447.0	678.2	1042.8	1551.8	2238.7	3200.3	4744.6	7452.1
-2.5°	170.7	220.7	302.1	438.8	668.1	1021.5	1508.6	2171.5	3101.3	4639.9	7274.1
-5°	168.5	216.2	294.2	423.3	637.6	966.3	1414.6	2024.0	2879.9	4191.4	6262.0
-7.5°	164.8	208.7	280.4	397.0	587.4	882.9	1291.1	1828.9	2538.3	3465.6	4688.4
-10°	159.0	198.3	260.8	362.7	523.4	770.9	1122.6	1553.8	2112.1	2814.4	3705.3
-12.5°	151.2	185.2	235.5	317.8	449.2	654.4	944.2	1302.6	1735.3	2223.4	2798.7
-15°	142.5	171.8	214.7	283.7	388.3	542.7	755.6	1038.8	1385.2	1737.1	2094.1
-17.5°	134.9	159.5	193.5	242.8	318.9	439.1	607.9	813.8	1044.3	1306.3	1538.9
-20°	125.9	145.2	172.7	212.2	269.2	347.7	469.4	616.8	765.5	947.7	1109.0

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Scaled Data Report



REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	118.1	134.0	155.0	182.2	223.8	281.8	352.7	448.1	552.2	662.6	772.5
-25°	110.6	122.4	139.3	161.3	188.8	226.5	273.3	324.0	394.5	456.5	529.2
-27.5°	103.7	113.7	125.6	141.8	162.8	184.6	215.4	247.1	287.2	320.4	367.1
-30°	97.0	105.3	115.2	126.3	140.5	156.6	174.6	195.7	217.5	238.6	264.1
-32.5°	91.6	98.0	105.6	114.4	123.4	135.1	146.0	160.3	172.6	186.0	199.5
-35°	86.4	91.8	97.6	104.3	111.2	119.0	126.7	135.6	143.3	151.8	159.1
-37.5°	82.0	86.0	90.7	95.7	101.3	106.7	112.4	117.9	122.8	128.5	132.8
-40°	78.1	81.3	84.8	88.5	92.9	96.8	101.2	104.9	108.3	111.8	114.6
-42.5°	74.3	77.1	79.9	82.9	85.8	88.8	92.0	94.9	97.1	99.2	100.9
-45°	70.9	73.3	75.6	78.0	80.2	82.5	84.6	86.4	88.3	89.7	90.7
-47.5°	67.7	69.9	72.0	73.8	75.4	77.2	78.8	80.1	81.4	82.4	83.2
-50°	64.6	66.6	68.5	70.2	71.6	72.8	73.8	74.8	75.7	76.4	76.9
-52.5°	61.5	63.3	65.1	66.6	67.9	69.0	69.9	70.7	71.3	71.7	71.9
-55°	58.4	60.2	61.7	63.1	64.4	65.5	66.4	67.1	67.6	68.0	68.2
-57.5°	55.1	57.0	58.6	59.7	60.8	62.1	62.9	63.4	63.8	64.2	64.4
-60°	51.3	53.1	54.5	55.6	56.7	57.8	58.4	59.0	59.4	59.8	60.0
-62.5°	46.8	48.2	49.5	50.6	51.7	52.7	53.2	53.7	54.2	54.5	54.8
-65°	41.6	43.1	44.1	45.0	45.8	46.6	47.4	48.0	48.4	48.6	48.8
-67.5°	36.2	37.7	38.7	39.5	40.1	40.8	41.5	42.2	42.7	43.0	43.2
-70°	31.0	32.2	33.2	34.1	34.9	35.5	36.0	36.5	36.9	37.2	37.4
-72.5°	25.8	27.1	28.1	29.0	29.7	30.3	30.8	31.2	31.6	31.7	31.7
-75°	20.5	21.6	22.7	23.8	24.6	25.2	25.6	25.9	26.2	26.2	26.2
-77.5°	16.0	16.8	17.6	18.5	19.3	19.8	20.1	20.4	20.6	20.7	20.7
-80°	11.9	12.4	12.9	13.5	14.0	14.3	14.5	14.7	14.8	14.9	14.9
-82.5°	8.1	8.5	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.0	10.0
-85°	4.9	5.0	5.2	5.4	5.5	5.6	5.8	5.9	5.9	5.9	5.8
-87.5°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.3	2.2
-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: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.3	2.4	2.4
85°	5.7	5.6	5.6	5.6	5.6	5.6	5.7	5.8	5.9	5.9	5.9
82.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.1	9.9
80°	14.9	14.8	14.6	14.3	14.6	14.8	14.9	14.9	14.9	14.8	14.7
77.5°	20.6	20.4	20.1	19.8	20.1	20.4	20.6	20.7	20.7	20.6	20.4
75°	26.1	25.9	26.0	26.0	26.0	25.9	26.1	26.2	26.2	26.2	25.9
72.5°	31.6	31.5	31.6	31.6	31.6	31.5	31.6	31.7	31.7	31.6	31.2
70°	37.6	37.6	37.5	37.2	37.5	37.6	37.6	37.4	37.2	36.9	36.5
67.5°	43.3	43.2	43.1	42.8	43.1	43.2	43.3	43.2	43.0	42.7	42.2
65°	48.9	48.8	48.9	49.0	48.9	48.8	48.9	48.8	48.6	48.4	48.0
62.5°	55.0	55.0	54.9	54.6	54.9	55.0	55.0	54.8	54.5	54.2	53.7
60°	60.0	60.0	59.8	59.5	59.8	60.0	60.0	60.0	59.8	59.4	59.0
57.5°	64.4	64.4	64.2	63.9	64.2	64.4	64.4	64.4	64.2	63.8	63.4
55°	68.2	68.1	67.9	67.6	67.9	68.1	68.2	68.2	68.0	67.6	67.1
52.5°	71.9	71.8	71.8	71.9	71.8	71.8	71.9	71.9	71.7	71.3	70.7
50°	77.2	77.3	77.2	76.9	77.2	77.3	77.2	76.9	76.4	75.7	74.8
47.5°	83.5	83.5	83.4	83.1	83.4	83.5	83.5	83.2	82.4	81.4	80.1
45°	91.4	91.9	92.0	91.8	92.0	91.9	91.4	90.7	89.7	88.3	86.4
42.5°	102.2	102.9	103.1	102.9	103.1	102.9	102.2	100.9	99.2	97.1	94.9
40°	116.3	117.1	117.3	117.2	117.3	117.1	116.3	114.6	111.8	108.3	104.9
37.5°	135.9	137.9	138.8	138.9	138.8	137.9	135.9	132.8	128.5	122.8	117.9
35°	164.7	168.6	170.7	171.7	170.7	168.6	164.7	159.1	151.8	143.3	135.6
32.5°	209.8	217.5	221.8	221.3	221.8	217.5	209.8	199.5	186.0	172.6	160.3
30°	283.3	296.9	303.8	301.9	303.8	296.9	283.3	264.1	238.6	217.5	195.7
27.5°	400.7	425.3	439.5	437.7	439.5	425.3	400.7	367.1	320.4	287.2	247.1
25°	589.9	634.9	663.7	656.5	663.7	634.9	589.9	529.2	456.5	394.5	324.0
22.5°	877.8	954.0	1004.4	998.2	1004.4	954.0	877.8	772.5	662.6	552.2	448.1
20°	1272.6	1388.6	1471.4	1482.4	1471.4	1388.6	1272.6	1109.0	947.7	765.5	616.8
17.5°	1790.2	1974.1	2102.1	2123.4	2102.1	1974.1	1790.2	1538.9	1306.3	1044.3	813.8
15°	2462.9	2763.4	2980.8	2998.8	2980.8	2763.4	2462.9	2094.1	1737.1	1385.2	1038.8
12.5°	3376.3	3980.7	4375.1	4548.7	4375.1	3980.7	3376.3	2798.7	2223.4	1735.3	1302.6
10°	4640.4	6028.6	6917.6	7251.8	6917.6	6028.6	4640.4	3705.3	2814.4	2112.1	1553.8
7.5°	6751.7	8931.3	11354.3	12387.1	11354.3	8931.3	6751.7	4688.4	3465.6	2538.3	1828.9
5°	9142.7	13666.1	17968.6	19648.8	17968.6	13666.1	9142.7	6262.0	4191.4	2879.9	2024.0
2.5°	11658.7	17963.6	23871.8	26182.4	23871.8	17963.6	11658.7	7274.1	4639.9	3101.3	2171.5
0°	12641.2	19845.3	26345.7	28936.6	26345.7	19845.3	12641.2	7452.1	4744.6	3200.3	2238.7
-2.5°	11658.7	17963.6	23871.8	26182.4	23871.8	17963.6	11658.7	7274.1	4639.9	3101.3	2171.5
-5°	9142.7	13666.1	17968.6	19648.8	17968.6	13666.1	9142.7	6262.0	4191.4	2879.9	2024.0
-7.5°	6751.7	8931.3	11354.3	12387.1	11354.3	8931.3	6751.7	4688.4	3465.6	2538.3	1828.9
-10°	4640.4	6028.6	6917.6	7251.8	6917.6	6028.6	4640.4	3705.3	2814.4	2112.1	1553.8
-12.5°	3376.3	3980.7	4375.1	4548.7	4375.1	3980.7	3376.3	2798.7	2223.4	1735.3	1302.6
-15°	2462.9	2763.4	2980.8	2998.8	2980.8	2763.4	2462.9	2094.1	1737.1	1385.2	1038.8
-17.5°	1790.2	1974.1	2102.1	2123.4	2102.1	1974.1	1790.2	1538.9	1306.3	1044.3	813.8
-20°	1272.6	1388.6	1471.4	1482.4	1471.4	1388.6	1272.6	1109.0	947.7	765.5	616.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	877.8	954.0	1004.4	998.2	1004.4	954.0	877.8	772.5	662.6	552.2	448.1
-25°	589.9	634.9	663.7	656.5	663.7	634.9	589.9	529.2	456.5	394.5	324.0
-27.5°	400.7	425.3	439.5	437.7	439.5	425.3	400.7	367.1	320.4	287.2	247.1
-30°	283.3	296.9	303.8	301.9	303.8	296.9	283.3	264.1	238.6	217.5	195.7
-32.5°	209.8	217.5	221.8	221.3	221.8	217.5	209.8	199.5	186.0	172.6	160.3
-35°	164.7	168.6	170.7	171.7	170.7	168.6	164.7	159.1	151.8	143.3	135.6
-37.5°	135.9	137.9	138.8	138.9	138.8	137.9	135.9	132.8	128.5	122.8	117.9
-40°	116.3	117.1	117.3	117.2	117.3	117.1	116.3	114.6	111.8	108.3	104.9
-42.5°	102.2	102.9	103.1	102.9	103.1	102.9	102.2	100.9	99.2	97.1	94.9
-45°	91.4	91.9	92.0	91.8	92.0	91.9	91.4	90.7	89.7	88.3	86.4
-47.5°	83.5	83.5	83.4	83.1	83.4	83.5	83.5	83.2	82.4	81.4	80.1
-50°	77.2	77.3	77.2	76.9	77.2	77.3	77.2	76.9	76.4	75.7	74.8
-52.5°	71.9	71.8	71.8	71.9	71.8	71.8	71.9	71.9	71.7	71.3	70.7
-55°	68.2	68.1	67.9	67.6	67.9	68.1	68.2	68.2	68.0	67.6	67.1
-57.5°	64.4	64.4	64.2	63.9	64.2	64.4	64.4	64.4	64.2	63.8	63.4
-60°	60.0	60.0	59.8	59.5	59.8	60.0	60.0	60.0	59.8	59.4	59.0
-62.5°	55.0	55.0	54.9	54.6	54.9	55.0	55.0	54.8	54.5	54.2	53.7
-65°	48.9	48.8	48.9	49.0	48.9	48.8	48.9	48.8	48.6	48.4	48.0
-67.5°	43.3	43.2	43.1	42.8	43.1	43.2	43.3	43.2	43.0	42.7	42.2
-70°	37.6	37.6	37.5	37.2	37.5	37.6	37.6	37.4	37.2	36.9	36.5
-72.5°	31.6	31.5	31.6	31.6	31.6	31.5	31.6	31.7	31.7	31.6	31.2
-75°	26.1	25.9	26.0	26.0	26.0	25.9	26.1	26.2	26.2	26.2	25.9
-77.5°	20.6	20.4	20.1	19.8	20.1	20.4	20.6	20.7	20.7	20.6	20.4
-80°	14.9	14.8	14.6	14.3	14.6	14.8	14.9	14.9	14.9	14.8	14.7
-82.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.1	9.9
-85°	5.7	5.6	5.6	5.6	5.6	5.6	5.7	5.8	5.9	5.9	5.9
-87.5°	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.3	2.4	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: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
85°	5.8	5.6	5.5	5.4	5.2	5.0	4.9	4.6	4.3	4.0	3.8
82.5°	9.7	9.5	9.3	9.0	8.8	8.5	8.1	7.7	7.2	6.7	6.2
80°	14.5	14.3	14.0	13.5	12.9	12.4	11.9	11.3	10.8	10.2	9.6
77.5°	20.1	19.8	19.3	18.5	17.6	16.8	16.0	15.3	14.6	13.9	13.1
75°	25.6	25.2	24.6	23.8	22.7	21.6	20.5	19.6	18.7	17.7	16.7
72.5°	30.8	30.3	29.7	29.0	28.1	27.1	25.8	24.4	23.1	21.8	20.6
70°	36.0	35.5	34.9	34.1	33.2	32.2	31.0	29.4	27.6	25.9	24.6
67.5°	41.5	40.8	40.1	39.5	38.7	37.7	36.2	34.6	32.8	30.8	29.0
65°	47.4	46.6	45.8	45.0	44.1	43.1	41.6	39.8	37.9	35.9	33.8
62.5°	53.2	52.7	51.7	50.6	49.5	48.2	46.8	45.0	43.0	40.6	38.3
60°	58.4	57.8	56.7	55.6	54.5	53.1	51.3	49.7	48.3	45.7	42.9
57.5°	62.9	62.1	60.8	59.7	58.6	57.0	55.1	53.3	51.5	49.7	47.3
55°	66.4	65.5	64.4	63.1	61.7	60.2	58.4	56.5	54.6	52.9	50.7
52.5°	69.9	69.0	67.9	66.6	65.1	63.3	61.5	59.5	57.7	56.0	54.0
50°	73.8	72.8	71.6	70.2	68.5	66.6	64.6	62.5	60.7	58.9	57.1
47.5°	78.8	77.2	75.4	73.8	72.0	69.9	67.7	65.6	63.6	61.6	59.7
45°	84.6	82.5	80.2	78.0	75.6	73.3	70.9	68.7	66.5	64.3	62.0
42.5°	92.0	88.8	85.8	82.9	79.9	77.1	74.3	71.8	69.4	67.0	64.5
40°	101.2	96.8	92.9	88.5	84.8	81.3	78.1	74.9	72.2	69.6	66.8
37.5°	112.4	106.7	101.3	95.7	90.7	86.0	82.0	78.4	74.9	72.1	69.2
35°	126.7	119.0	111.2	104.3	97.6	91.8	86.4	82.0	78.1	74.4	71.4
32.5°	146.0	135.1	123.4	114.4	105.6	98.0	91.6	86.0	81.3	77.1	73.5
30°	174.6	156.6	140.5	126.3	115.2	105.3	97.0	90.5	84.8	79.9	75.6
27.5°	215.4	184.6	162.8	141.8	125.6	113.7	103.7	95.1	88.5	82.9	78.0
25°	273.3	226.5	188.8	161.3	139.3	122.4	110.6	100.7	92.5	85.8	79.9
22.5°	352.7	281.8	223.8	182.2	155.0	134.0	118.1	106.2	96.2	88.3	81.9
20°	469.4	347.7	269.2	212.2	172.7	145.2	125.9	111.9	100.4	91.0	83.7
17.5°	607.9	439.1	318.9	242.8	193.5	159.5	134.9	117.2	104.2	93.3	85.1
15°	755.6	542.7	388.3	283.7	214.7	171.8	142.5	121.8	107.8	95.8	86.9
12.5°	944.2	654.4	449.2	317.8	235.5	185.2	151.2	127.7	111.3	98.6	88.8
10°	1122.6	770.9	523.4	362.7	260.8	198.3	159.0	132.2	114.1	100.8	90.3
7.5°	1291.1	882.9	587.4	397.0	280.4	208.7	164.8	135.5	116.0	102.3	91.4
5°	1414.6	966.3	637.6	423.3	294.2	216.2	168.5	137.6	117.2	103.2	92.2
2.5°	1508.6	1021.5	668.1	438.8	302.1	220.7	170.7	139.1	118.3	103.9	93.1
0°	1551.8	1042.8	678.2	447.0	306.9	221.9	171.7	140.1	119.0	104.2	93.6
-2.5°	1508.6	1021.5	668.1	438.8	302.1	220.7	170.7	139.1	118.3	103.9	93.1
-5°	1414.6	966.3	637.6	423.3	294.2	216.2	168.5	137.6	117.2	103.2	92.2
-7.5°	1291.1	882.9	587.4	397.0	280.4	208.7	164.8	135.5	116.0	102.3	91.4
-10°	1122.6	770.9	523.4	362.7	260.8	198.3	159.0	132.2	114.1	100.8	90.3
-12.5°	944.2	654.4	449.2	317.8	235.5	185.2	151.2	127.7	111.3	98.6	88.8
-15°	755.6	542.7	388.3	283.7	214.7	171.8	142.5	121.8	107.8	95.8	86.9
-17.5°	607.9	439.1	318.9	242.8	193.5	159.5	134.9	117.2	104.2	93.3	85.1
-20°	469.4	347.7	269.2	212.2	172.7	145.2	125.9	111.9	100.4	91.0	83.7

Classified

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



REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	352.7	281.8	223.8	182.2	155.0	134.0	118.1	106.2	96.2	88.3	81.9
-25°	273.3	226.5	188.8	161.3	139.3	122.4	110.6	100.7	92.5	85.8	79.9
-27.5°	215.4	184.6	162.8	141.8	125.6	113.7	103.7	95.1	88.5	82.9	78.0
-30°	174.6	156.6	140.5	126.3	115.2	105.3	97.0	90.5	84.8	79.9	75.6
-32.5°	146.0	135.1	123.4	114.4	105.6	98.0	91.6	86.0	81.3	77.1	73.5
-35°	126.7	119.0	111.2	104.3	97.6	91.8	86.4	82.0	78.1	74.4	71.4
-37.5°	112.4	106.7	101.3	95.7	90.7	86.0	82.0	78.4	74.9	72.1	69.2
-40°	101.2	96.8	92.9	88.5	84.8	81.3	78.1	74.9	72.2	69.6	66.8
-42.5°	92.0	88.8	85.8	82.9	79.9	77.1	74.3	71.8	69.4	67.0	64.5
-45°	84.6	82.5	80.2	78.0	75.6	73.3	70.9	68.7	66.5	64.3	62.0
-47.5°	78.8	77.2	75.4	73.8	72.0	69.9	67.7	65.6	63.6	61.6	59.7
-50°	73.8	72.8	71.6	70.2	68.5	66.6	64.6	62.5	60.7	58.9	57.1
-52.5°	69.9	69.0	67.9	66.6	65.1	63.3	61.5	59.5	57.7	56.0	54.0
-55°	66.4	65.5	64.4	63.1	61.7	60.2	58.4	56.5	54.6	52.9	50.7
-57.5°	62.9	62.1	60.8	59.7	58.6	57.0	55.1	53.3	51.5	49.7	47.3
-60°	58.4	57.8	56.7	55.6	54.5	53.1	51.3	49.7	48.3	45.7	42.9
-62.5°	53.2	52.7	51.7	50.6	49.5	48.2	46.8	45.0	43.0	40.6	38.3
-65°	47.4	46.6	45.8	45.0	44.1	43.1	41.6	39.8	37.9	35.9	33.8
-67.5°	41.5	40.8	40.1	39.5	38.7	37.7	36.2	34.6	32.8	30.8	29.0
-70°	36.0	35.5	34.9	34.1	33.2	32.2	31.0	29.4	27.6	25.9	24.6
-72.5°	30.8	30.3	29.7	29.0	28.1	27.1	25.8	24.4	23.1	21.8	20.6
-75°	25.6	25.2	24.6	23.8	22.7	21.6	20.5	19.6	18.7	17.7	16.7
-77.5°	20.1	19.8	19.3	18.5	17.6	16.8	16.0	15.3	14.6	13.9	13.1
-80°	14.5	14.3	14.0	13.5	12.9	12.4	11.9	11.3	10.8	10.2	9.6
-82.5°	9.7	9.5	9.3	9.0	8.8	8.5	8.1	7.7	7.2	6.7	6.2
-85°	5.8	5.6	5.5	5.4	5.2	5.0	4.9	4.6	4.3	4.0	3.8
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-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°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
85°	3.6	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	5.9	5.7	5.4	5.2	4.8	4.3	3.9	3.5	3.0	2.6	2.2
80°	9.1	8.5	8.0	7.4	6.8	6.2	5.6	5.0	4.4	3.8	3.2
77.5°	12.3	11.5	10.6	9.9	9.1	8.3	7.5	6.6	5.8	5.1	4.3
75°	15.7	14.7	13.6	12.6	11.5	10.4	9.4	8.4	7.4	6.3	5.4
72.5°	19.4	18.1	16.7	15.4	14.1	12.8	11.5	10.2	9.0	7.8	6.5
70°	23.2	21.6	20.0	18.5	16.9	15.2	13.7	12.1	10.5	9.2	7.8
67.5°	27.2	25.6	23.7	21.7	19.9	18.0	15.9	14.1	12.3	10.5	9.0
65°	31.6	29.6	27.7	25.3	23.0	20.8	18.6	16.2	14.1	12.1	10.2
62.5°	35.9	33.5	31.2	28.8	26.3	23.7	21.2	18.5	15.9	13.7	11.5
60°	40.2	37.5	34.6	31.9	29.3	26.6	23.7	20.8	17.9	15.2	12.8
57.5°	44.3	41.4	38.1	35.0	32.0	29.2	26.2	23.0	19.9	16.8	14.1
55°	48.0	44.9	41.5	38.0	34.7	31.6	28.5	25.1	21.7	18.5	15.3
52.5°	51.5	48.2	44.6	40.9	37.3	34.0	30.6	27.1	23.5	20.1	16.7
50°	54.8	51.5	47.7	43.7	39.8	36.3	32.8	29.1	25.3	21.6	18.0
47.5°	57.6	54.5	50.8	46.5	42.3	38.5	34.8	31.0	26.9	23.0	19.2
45°	59.9	57.3	53.7	49.4	44.9	40.8	36.9	32.8	28.6	24.4	20.5
42.5°	62.0	59.6	56.3	52.2	47.5	43.1	38.9	34.6	30.2	25.7	21.6
40°	64.2	61.6	58.8	54.6	50.0	45.4	40.9	36.4	31.8	27.0	22.7
37.5°	66.2	63.5	60.7	56.9	52.2	47.4	42.8	38.1	33.2	28.3	23.7
35°	68.2	65.2	62.3	58.7	54.1	49.3	44.6	39.7	34.6	29.5	24.7
32.5°	70.2	66.8	63.7	60.1	55.8	51.0	46.2	41.1	35.9	30.6	25.6
30°	72.0	68.3	65.0	61.5	57.4	52.4	47.6	42.4	37.1	31.7	26.5
27.5°	73.4	69.6	66.2	62.7	58.6	53.8	48.8	43.6	38.2	32.6	27.3
25°	74.9	70.8	67.3	63.8	59.7	55.1	49.9	44.6	39.1	33.5	28.1
22.5°	76.5	71.8	68.0	64.8	60.9	56.4	51.0	45.5	40.0	34.3	28.7
20°	77.8	72.8	68.6	65.7	61.8	57.4	52.0	46.3	40.7	35.0	29.3
17.5°	79.1	73.8	69.4	66.1	62.5	58.2	52.9	47.0	41.3	35.6	29.8
15°	80.4	74.8	70.1	66.6	63.1	58.9	53.8	47.6	41.8	36.1	30.2
12.5°	81.5	75.6	70.7	66.9	63.5	59.5	54.5	48.1	42.2	36.5	30.6
10°	82.5	76.3	71.1	67.1	63.8	60.0	55.2	48.6	42.6	36.9	31.0
7.5°	83.2	76.7	71.3	67.2	64.0	60.3	55.7	49.2	42.9	37.1	31.2
5°	83.8	77.1	71.8	67.6	64.3	60.6	56.1	49.7	43.2	37.2	31.4
2.5°	84.2	77.4	72.2	67.9	64.4	60.7	56.3	50.0	43.3	37.3	31.6
0°	84.3	77.5	72.5	68.2	64.5	60.8	56.4	50.2	43.4	37.2	31.6
-2.5°	84.2	77.4	72.2	67.9	64.4	60.7	56.3	50.0	43.3	37.3	31.6
-5°	83.8	77.1	71.8	67.6	64.3	60.6	56.1	49.7	43.2	37.2	31.4
-7.5°	83.2	76.7	71.3	67.2	64.0	60.3	55.7	49.2	42.9	37.1	31.2
-10°	82.5	76.3	71.1	67.1	63.8	60.0	55.2	48.6	42.6	36.9	31.0
-12.5°	81.5	75.6	70.7	66.9	63.5	59.5	54.5	48.1	42.2	36.5	30.6
-15°	80.4	74.8	70.1	66.6	63.1	58.9	53.8	47.6	41.8	36.1	30.2
-17.5°	79.1	73.8	69.4	66.1	62.5	58.2	52.9	47.0	41.3	35.6	29.8
-20°	77.8	72.8	68.6	65.7	61.8	57.4	52.0	46.3	40.7	35.0	29.3

Classified

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



REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	76.5	71.8	68.0	64.8	60.9	56.4	51.0	45.5	40.0	34.3	28.7
-25°	74.9	70.8	67.3	63.8	59.7	55.1	49.9	44.6	39.1	33.5	28.1
-27.5°	73.4	69.6	66.2	62.7	58.6	53.8	48.8	43.6	38.2	32.6	27.3
-30°	72.0	68.3	65.0	61.5	57.4	52.4	47.6	42.4	37.1	31.7	26.5
-32.5°	70.2	66.8	63.7	60.1	55.8	51.0	46.2	41.1	35.9	30.6	25.6
-35°	68.2	65.2	62.3	58.7	54.1	49.3	44.6	39.7	34.6	29.5	24.7
-37.5°	66.2	63.5	60.7	56.9	52.2	47.4	42.8	38.1	33.2	28.3	23.7
-40°	64.2	61.6	58.8	54.6	50.0	45.4	40.9	36.4	31.8	27.0	22.7
-42.5°	62.0	59.6	56.3	52.2	47.5	43.1	38.9	34.6	30.2	25.7	21.6
-45°	59.9	57.3	53.7	49.4	44.9	40.8	36.9	32.8	28.6	24.4	20.5
-47.5°	57.6	54.5	50.8	46.5	42.3	38.5	34.8	31.0	26.9	23.0	19.2
-50°	54.8	51.5	47.7	43.7	39.8	36.3	32.8	29.1	25.3	21.6	18.0
-52.5°	51.5	48.2	44.6	40.9	37.3	34.0	30.6	27.1	23.5	20.1	16.7
-55°	48.0	44.9	41.5	38.0	34.7	31.6	28.5	25.1	21.7	18.5	15.3
-57.5°	44.3	41.4	38.1	35.0	32.0	29.2	26.2	23.0	19.9	16.8	14.1
-60°	40.2	37.5	34.6	31.9	29.3	26.6	23.7	20.8	17.9	15.2	12.8
-62.5°	35.9	33.5	31.2	28.8	26.3	23.7	21.2	18.5	15.9	13.7	11.5
-65°	31.6	29.6	27.7	25.3	23.0	20.8	18.6	16.2	14.1	12.1	10.2
-67.5°	27.2	25.6	23.7	21.7	19.9	18.0	15.9	14.1	12.3	10.5	9.0
-70°	23.2	21.6	20.0	18.5	16.9	15.2	13.7	12.1	10.5	9.2	7.8
-72.5°	19.4	18.1	16.7	15.4	14.1	12.8	11.5	10.2	9.0	7.8	6.5
-75°	15.7	14.7	13.6	12.6	11.5	10.4	9.4	8.4	7.4	6.3	5.4
-77.5°	12.3	11.5	10.6	9.9	9.1	8.3	7.5	6.6	5.8	5.1	4.3
-80°	9.1	8.5	8.0	7.4	6.8	6.2	5.6	5.0	4.4	3.8	3.2
-82.5°	5.9	5.7	5.4	5.2	4.8	4.3	3.9	3.5	3.0	2.6	2.2
-85°	3.6	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5
-87.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	3.5	2.8	2.2	1.6	1.1	0.5	0.0
75°	4.5	3.5	2.6	1.9	1.3	0.6	0.0
72.5°	5.4	4.2	3.2	2.2	1.5	0.7	0.0
70°	6.3	4.9	3.7	2.6	1.7	0.7	0.0
67.5°	7.3	5.6	4.3	3.0	1.9	0.8	0.0
65°	8.3	6.4	4.8	3.3	2.1	0.9	0.0
62.5°	9.3	7.2	5.3	3.7	2.2	1.0	0.0
60°	10.3	8.0	5.8	4.1	2.4	1.1	0.0
57.5°	11.4	8.8	6.4	4.4	2.6	1.2	0.0
55°	12.4	9.6	7.0	4.8	2.9	1.2	0.0
52.5°	13.5	10.3	7.6	5.1	3.1	1.3	0.0
50°	14.4	11.2	8.2	5.4	3.3	1.4	0.0
47.5°	15.4	12.0	8.7	5.7	3.5	1.4	0.0
45°	16.5	12.7	9.3	6.1	3.7	1.5	0.0
42.5°	17.5	13.5	9.8	6.5	3.9	1.6	0.0
40°	18.4	14.2	10.3	6.9	4.0	1.6	0.0
37.5°	19.3	14.8	10.8	7.2	4.2	1.7	0.0
35°	20.1	15.5	11.3	7.6	4.4	1.7	0.0
32.5°	20.9	16.2	11.8	7.9	4.5	1.7	0.0
30°	21.7	16.8	12.2	8.2	4.7	1.8	0.0
27.5°	22.3	17.3	12.6	8.4	4.8	1.8	0.0
25°	22.9	17.9	13.0	8.7	5.0	1.8	0.0
22.5°	23.5	18.3	13.4	8.9	5.1	1.9	0.0
20°	24.0	18.7	13.7	9.1	5.2	1.9	0.0
17.5°	24.4	19.1	14.0	9.3	5.3	1.9	0.0
15°	24.7	19.3	14.2	9.5	5.4	1.9	0.0
12.5°	25.0	19.5	14.4	9.6	5.4	1.9	0.0
10°	25.2	19.7	14.6	9.7	5.5	1.9	0.0
7.5°	25.3	19.8	14.7	9.8	5.5	1.9	0.0
5°	25.4	19.9	14.8	9.9	5.6	1.9	0.0
2.5°	25.4	19.9	14.9	9.9	5.6	1.9	0.0
0°	25.4	19.8	14.9	9.9	5.6	1.9	0.0
-2.5°	25.4	19.9	14.9	9.9	5.6	1.9	0.0
-5°	25.4	19.9	14.8	9.9	5.6	1.9	0.0
-7.5°	25.3	19.8	14.7	9.8	5.5	1.9	0.0
-10°	25.2	19.7	14.6	9.7	5.5	1.9	0.0
-12.5°	25.0	19.5	14.4	9.6	5.4	1.9	0.0
-15°	24.7	19.3	14.2	9.5	5.4	1.9	0.0
-17.5°	24.4	19.1	14.0	9.3	5.3	1.9	0.0
-20°	24.0	18.7	13.7	9.1	5.2	1.9	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.5	18.3	13.4	8.9	5.1	1.9	0.0
-25°	22.9	17.9	13.0	8.7	5.0	1.8	0.0
-27.5°	22.3	17.3	12.6	8.4	4.8	1.8	0.0
-30°	21.7	16.8	12.2	8.2	4.7	1.8	0.0
-32.5°	20.9	16.2	11.8	7.9	4.5	1.7	0.0
-35°	20.1	15.5	11.3	7.6	4.4	1.7	0.0
-37.5°	19.3	14.8	10.8	7.2	4.2	1.7	0.0
-40°	18.4	14.2	10.3	6.9	4.0	1.6	0.0
-42.5°	17.5	13.5	9.8	6.5	3.9	1.6	0.0
-45°	16.5	12.7	9.3	6.1	3.7	1.5	0.0
-47.5°	15.4	12.0	8.7	5.7	3.5	1.4	0.0
-50°	14.4	11.2	8.2	5.4	3.3	1.4	0.0
-52.5°	13.5	10.3	7.6	5.1	3.1	1.3	0.0
-55°	12.4	9.6	7.0	4.8	2.9	1.2	0.0
-57.5°	11.4	8.8	6.4	4.4	2.6	1.2	0.0
-60°	10.3	8.0	5.8	4.1	2.4	1.1	0.0
-62.5°	9.3	7.2	5.3	3.7	2.2	1.0	0.0
-65°	8.3	6.4	4.8	3.3	2.1	0.9	0.0
-67.5°	7.3	5.6	4.3	3.0	1.9	0.8	0.0
-70°	6.3	4.9	3.7	2.6	1.7	0.7	0.0
-72.5°	5.4	4.2	3.2	2.2	1.5	0.7	0.0
-75°	4.5	3.5	2.6	1.9	1.3	0.6	0.0
-77.5°	3.5	2.8	2.2	1.6	1.1	0.5	0.0
-80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	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)