

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: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626575 (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-750-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N29
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3018.1 lumens
Efficiency: N/A
Efficacy: 166.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 9660.1 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 1467.4 lumens
Beam Efficiency: 48.6%

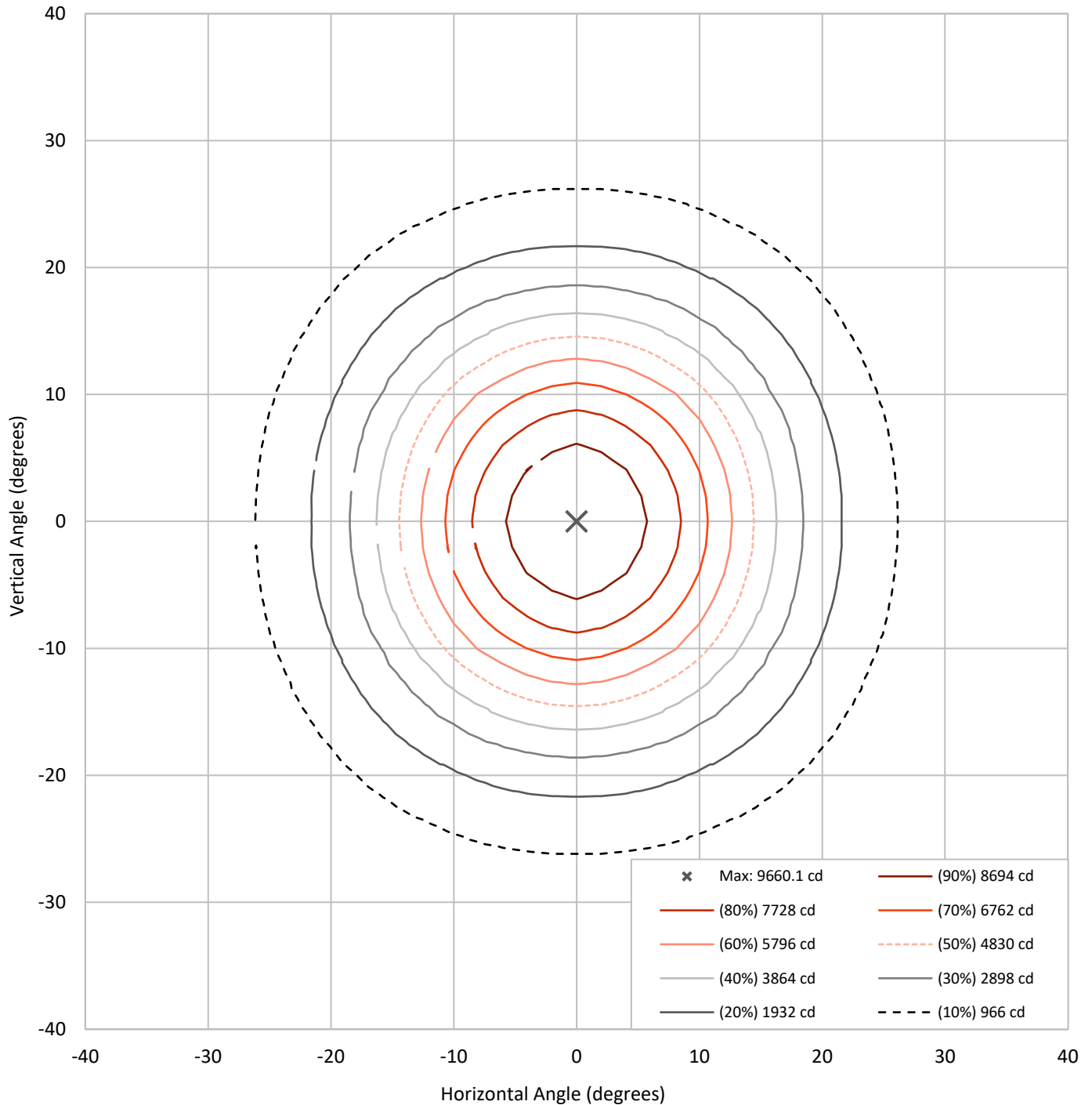
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 2476.3 lumens
Field Efficiency: 82.0%

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



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-MR-XX

Iso-Candela Plot





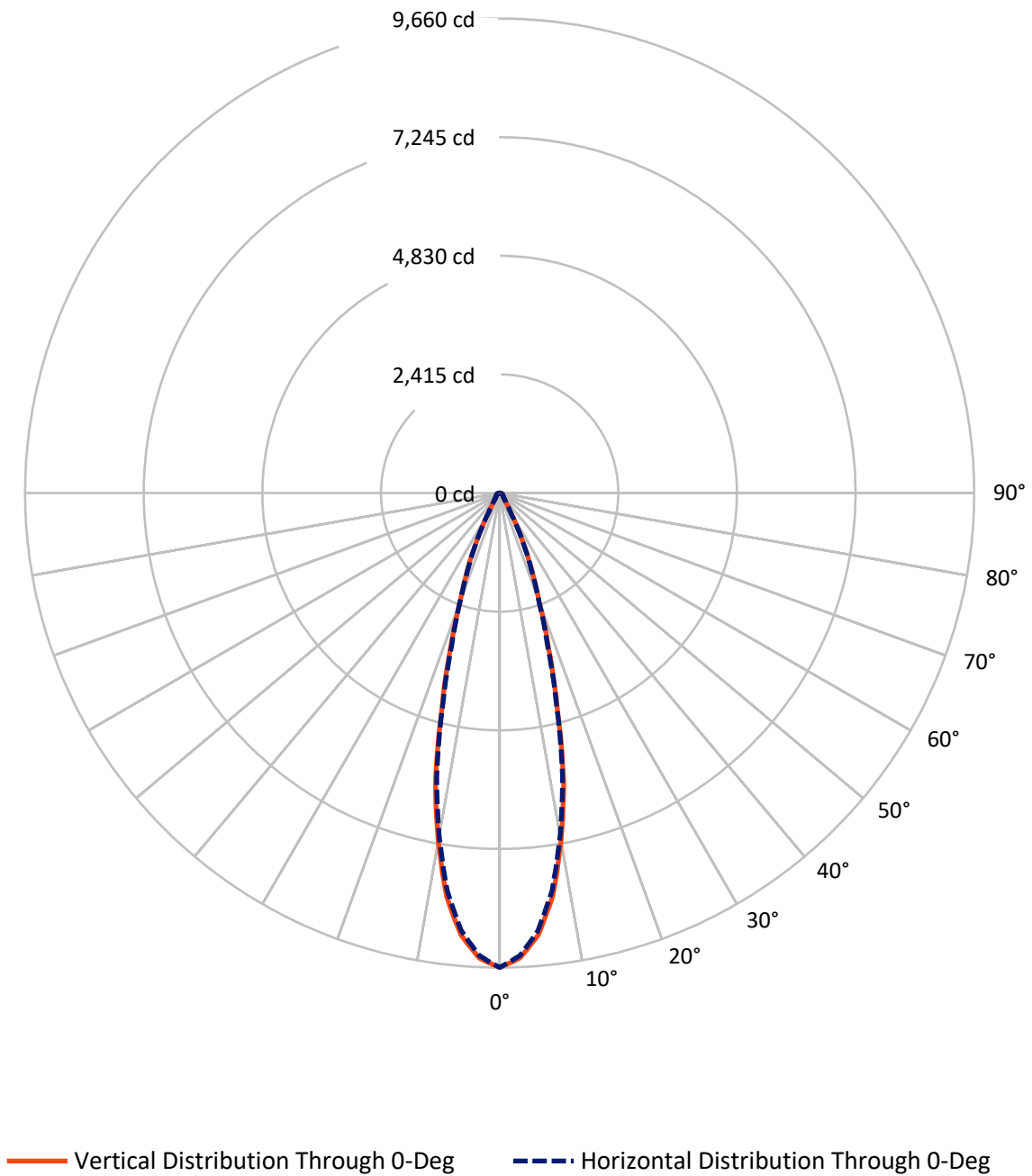
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Lumen Table

90	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
80	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
70	0.2	0.3	0.5	0.9	1.2	1.5	1.6	1.7	1.7	1.6	1.5	1.2	0.9	0.5	0.3	0.2			
60		0.4	0.8	1.3	1.7	2.1	2.3	2.4	2.4	2.3	2.1	1.7	1.3	0.8	0.4				
50	0.4	0.5	1.0	1.6	2.1	2.6	3.1	3.3	3.3	3.1	2.6	2.1	1.6	1.0	0.5	0.4			
40		0.6	1.2	1.8	2.5	3.6	5.2	6.8	6.8	5.2	3.6	2.5	1.8	1.2	0.6				
30	0.5	0.7	1.3	2.0	3.2	7.1	19.9	35.2	35.2	19.9	7.1	3.2	2.0	1.3	0.7	0.5			
20		0.7	1.3	2.2	4.4	18.5	66.0	126.5	126.5	66.0	18.5	4.4	2.2	1.3	0.7				
10	0.5	0.7	1.4	2.3	5.6	32.0	122.2	240.4	240.4	122.2	32.0	5.6	2.3	1.4	0.7	0.5			
0		0.7	1.4	2.3	5.6	32.0	122.2	240.4	240.4	122.2	32.0	5.6	2.3	1.4	0.7				
-10	0.5	0.7	1.3	2.2	4.4	18.5	66.0	126.5	126.5	66.0	18.5	4.4	2.2	1.3	0.7	0.5			
-20		0.7	1.3	2.0	3.2	7.1	19.9	35.2	35.2	19.9	7.1	3.2	2.0	1.3	0.7				
-30	0.4	0.6	1.2	1.8	2.5	3.6	5.2	6.8	6.8	5.2	3.6	2.5	1.8	1.2	0.6	0.4			
-40		0.5	1.0	1.6	2.1	2.6	3.1	3.3	3.3	3.1	2.6	2.1	1.6	1.0	0.5				
-50	0.2	0.4	0.8	1.3	1.7	2.1	2.3	2.4	2.4	2.3	2.1	1.7	1.3	0.8	0.4	0.2			
-60		0.3	0.5	0.9	1.2	1.5	1.6	1.7	1.7	1.6	1.5	1.2	0.9	0.5	0.3				
-70	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
-80		0.5		1.3		2.1		2.3		2.1		1.3		0.5					
-90	0.1	0.5		1.3		2.1		2.3		2.1		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

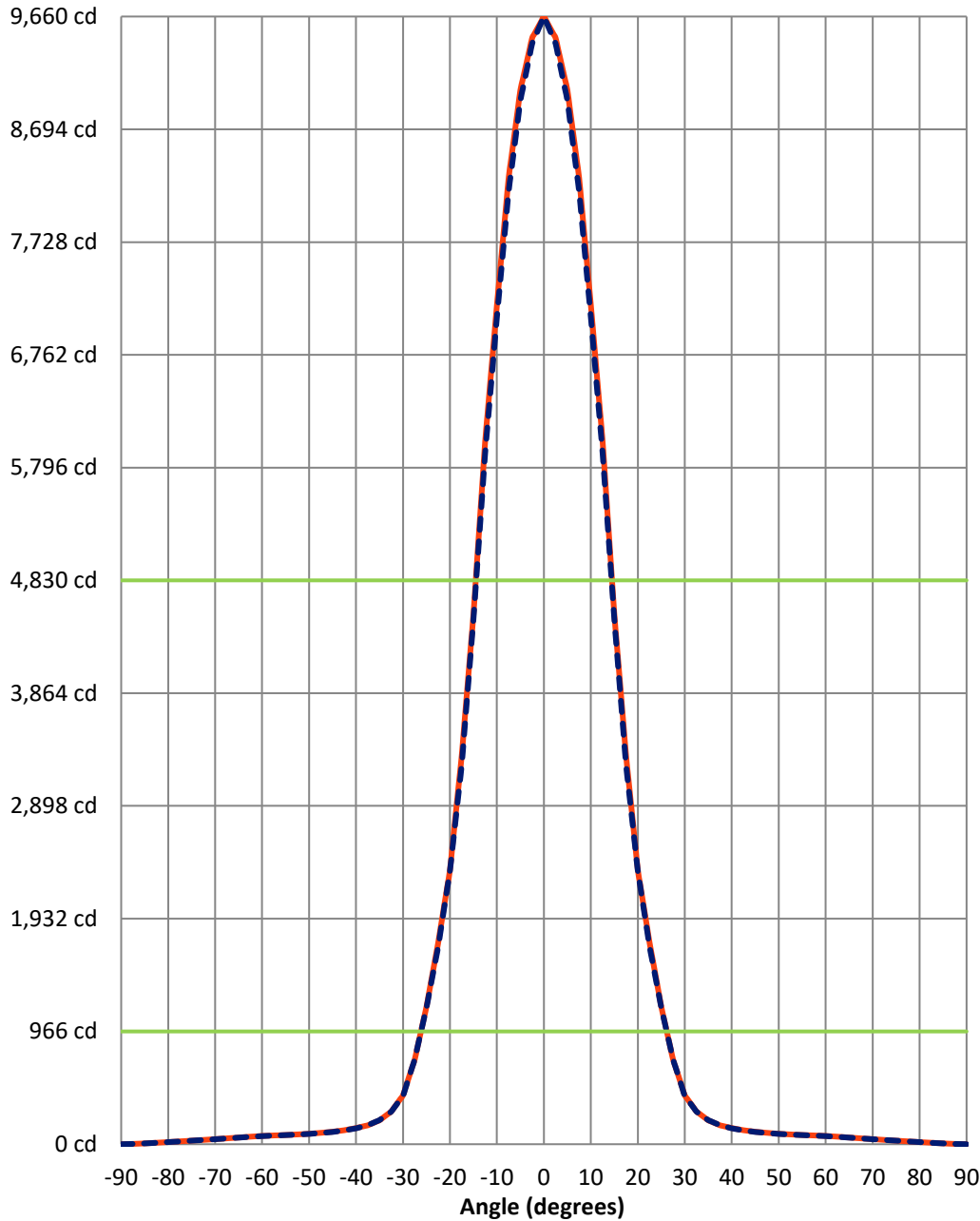
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 1467.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 2476.3
 Efficiency: 82.0%

Spill:
 Lumens: 541.8
 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	0.8	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	3.2	3.8
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.4	4.2	5.0	5.8
77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.7	4.7	5.7	6.8	7.9
75°	0.0	0.6	1.3	1.9	2.6	3.7	4.8	6.0	7.2	8.7	10.2
72.5°	0.0	0.8	1.5	2.2	3.3	4.6	5.9	7.3	9.1	10.8	12.5
70°	0.0	0.9	1.7	2.6	4.1	5.5	7.0	8.9	10.9	12.8	14.9
67.5°	0.0	1.0	1.9	3.1	4.8	6.4	8.3	10.5	12.7	15.0	17.4
65°	0.0	1.1	2.1	3.6	5.4	7.4	9.7	12.0	14.6	17.2	19.8
62.5°	0.0	1.2	2.3	4.1	6.1	8.4	11.0	13.6	16.5	19.4	22.4
60°	0.0	1.2	2.5	4.6	6.8	9.5	12.3	15.3	18.4	21.6	24.8
57.5°	0.0	1.3	2.8	5.1	7.6	10.6	13.6	16.9	20.2	23.7	27.3
55°	0.0	1.4	3.1	5.6	8.4	11.6	14.9	18.4	22.0	25.7	29.7
52.5°	0.0	1.5	3.4	6.0	9.2	12.6	16.2	19.9	23.7	27.8	32.0
50°	0.0	1.6	3.7	6.5	10.0	13.6	17.4	21.4	25.4	29.9	34.2
47.5°	0.0	1.7	4.0	6.9	10.7	14.5	18.5	22.8	27.1	31.8	36.2
45°	0.0	1.8	4.3	7.5	11.4	15.4	19.7	24.1	28.8	33.5	38.1
42.5°	0.0	1.8	4.5	8.0	12.1	16.3	20.8	25.4	30.4	35.1	39.9
40°	0.0	1.9	4.8	8.4	12.7	17.1	21.8	26.7	31.8	36.7	41.6
37.5°	0.0	2.0	5.0	8.9	13.3	17.9	22.8	28.0	33.1	38.1	43.1
35°	0.0	2.0	5.2	9.3	13.9	18.7	23.8	29.1	34.4	39.5	44.6
32.5°	0.0	2.1	5.5	9.7	14.5	19.4	24.7	30.2	35.5	40.8	46.1
30°	0.0	2.2	5.6	10.1	15.0	20.1	25.5	31.1	36.6	42.0	47.4
27.5°	0.0	2.2	5.8	10.4	15.4	20.7	26.3	32.0	37.5	43.1	48.7
25°	0.0	2.3	6.0	10.7	15.8	21.3	27.0	32.7	38.4	44.1	49.8
22.5°	0.0	2.3	6.1	10.9	16.2	21.8	27.6	33.4	39.2	45.0	50.9
20°	0.0	2.3	6.3	11.1	16.6	22.2	28.1	34.0	39.9	45.8	51.9
17.5°	0.0	2.4	6.4	11.3	16.9	22.6	28.6	34.6	40.6	46.5	52.8
15°	0.0	2.4	6.5	11.5	17.2	23.0	29.1	35.1	41.1	47.1	53.6
12.5°	0.0	2.4	6.6	11.6	17.4	23.2	29.5	35.5	41.6	47.6	54.2
10°	0.0	2.5	6.7	11.7	17.6	23.4	29.8	35.9	42.0	48.2	54.7
7.5°	0.0	2.5	6.7	11.8	17.8	23.5	30.1	36.2	42.4	48.7	55.4
5°	0.0	2.5	6.8	11.8	17.9	23.6	30.2	36.4	42.6	49.1	55.8
2.5°	0.0	2.5	6.8	11.8	18.0	23.6	30.4	36.6	42.8	49.4	56.2
0°	0.0	2.5	6.8	11.8	18.0	23.6	30.4	36.6	42.8	49.6	56.4
-2.5°	0.0	2.5	6.8	11.8	18.0	23.6	30.4	36.6	42.8	49.4	56.2
-5°	0.0	2.5	6.8	11.8	17.9	23.6	30.2	36.4	42.6	49.1	55.8
-7.5°	0.0	2.5	6.7	11.8	17.8	23.5	30.1	36.2	42.4	48.7	55.4
-10°	0.0	2.5	6.7	11.7	17.6	23.4	29.8	35.9	42.0	48.2	54.7
-12.5°	0.0	2.4	6.6	11.6	17.4	23.2	29.5	35.5	41.6	47.6	54.2
-15°	0.0	2.4	6.5	11.5	17.2	23.0	29.1	35.1	41.1	47.1	53.6
-17.5°	0.0	2.4	6.4	11.3	16.9	22.6	28.6	34.6	40.6	46.5	52.8
-20°	0.0	2.3	6.3	11.1	16.6	22.2	28.1	34.0	39.9	45.8	51.9

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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	2.3	6.1	10.9	16.2	21.8	27.6	33.4	39.2	45.0	50.9
-25°	0.0	2.3	6.0	10.7	15.8	21.3	27.0	32.7	38.4	44.1	49.8
-27.5°	0.0	2.2	5.8	10.4	15.4	20.7	26.3	32.0	37.5	43.1	48.7
-30°	0.0	2.2	5.6	10.1	15.0	20.1	25.5	31.1	36.6	42.0	47.4
-32.5°	0.0	2.1	5.5	9.7	14.5	19.4	24.7	30.2	35.5	40.8	46.1
-35°	0.0	2.0	5.2	9.3	13.9	18.7	23.8	29.1	34.4	39.5	44.6
-37.5°	0.0	2.0	5.0	8.9	13.3	17.9	22.8	28.0	33.1	38.1	43.1
-40°	0.0	1.9	4.8	8.4	12.7	17.1	21.8	26.7	31.8	36.7	41.6
-42.5°	0.0	1.8	4.5	8.0	12.1	16.3	20.8	25.4	30.4	35.1	39.9
-45°	0.0	1.8	4.3	7.5	11.4	15.4	19.7	24.1	28.8	33.5	38.1
-47.5°	0.0	1.7	4.0	6.9	10.7	14.5	18.5	22.8	27.1	31.8	36.2
-50°	0.0	1.6	3.7	6.5	10.0	13.6	17.4	21.4	25.4	29.9	34.2
-52.5°	0.0	1.5	3.4	6.0	9.2	12.6	16.2	19.9	23.7	27.8	32.0
-55°	0.0	1.4	3.1	5.6	8.4	11.6	14.9	18.4	22.0	25.7	29.7
-57.5°	0.0	1.3	2.8	5.1	7.6	10.6	13.6	16.9	20.2	23.7	27.3
-60°	0.0	1.2	2.5	4.6	6.8	9.5	12.3	15.3	18.4	21.6	24.8
-62.5°	0.0	1.2	2.3	4.1	6.1	8.4	11.0	13.6	16.5	19.4	22.4
-65°	0.0	1.1	2.1	3.6	5.4	7.4	9.7	12.0	14.6	17.2	19.8
-67.5°	0.0	1.0	1.9	3.1	4.8	6.4	8.3	10.5	12.7	15.0	17.4
-70°	0.0	0.9	1.7	2.6	4.1	5.5	7.0	8.9	10.9	12.8	14.9
-72.5°	0.0	0.8	1.5	2.2	3.3	4.6	5.9	7.3	9.1	10.8	12.5
-75°	0.0	0.6	1.3	1.9	2.6	3.7	4.8	6.0	7.2	8.7	10.2
-77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.7	4.7	5.7	6.8	7.9
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.4	4.2	5.0	5.8
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.2	3.8
-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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CATALOG NUMBER: GFLD-SA1A-750-U-MR-XX

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	2.9	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.4
82.5°	4.4	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.4	8.9	9.3
80°	6.6	7.4	8.1	8.8	9.5	10.2	10.9	11.5	12.1	12.8	13.4
77.5°	9.0	10.0	10.9	11.7	12.6	13.6	14.7	15.6	16.6	17.5	18.3
75°	11.5	12.6	13.8	15.0	16.3	17.5	18.8	20.0	21.1	22.3	23.5
72.5°	14.1	15.6	17.1	18.5	20.1	21.6	23.0	24.3	25.8	27.4	28.8
70°	16.9	18.6	20.4	22.3	24.0	25.8	27.5	29.3	31.0	32.8	34.4
67.5°	19.6	21.8	23.9	26.0	28.0	30.1	32.2	34.3	36.4	38.3	40.3
65°	22.6	25.0	27.4	29.7	32.0	34.5	37.0	39.4	42.0	44.4	46.5
62.5°	25.5	28.2	30.8	33.5	36.2	39.0	41.8	44.8	47.9	50.2	52.1
60°	28.3	31.4	34.3	37.3	40.3	43.5	46.7	49.9	52.8	55.2	57.2
57.5°	31.0	34.4	37.7	40.9	44.3	47.8	51.4	54.7	57.3	59.7	61.9
55°	33.6	37.4	40.9	44.3	48.1	52.3	56.0	58.9	61.6	63.5	65.7
52.5°	36.1	40.2	43.8	47.7	52.0	56.3	60.0	62.9	65.1	67.1	69.2
50°	38.5	42.6	46.6	51.0	55.6	59.9	63.6	66.3	68.5	70.6	72.6
47.5°	40.6	44.9	49.4	54.1	58.9	63.2	66.8	69.5	71.8	74.0	76.2
45°	42.7	47.2	52.1	57.2	62.1	66.4	69.6	72.5	74.8	77.2	79.9
42.5°	44.6	49.5	54.7	60.2	65.3	69.1	72.3	75.0	77.7	80.5	83.6
40°	46.5	51.6	57.2	63.1	68.2	71.5	74.7	77.6	80.6	83.9	87.2
37.5°	48.3	53.8	59.6	65.7	70.3	73.8	77.1	80.3	83.7	87.2	91.4
35°	49.9	55.7	61.9	67.8	72.2	76.0	79.5	83.0	86.8	91.2	95.8
32.5°	51.5	57.5	64.0	69.5	73.9	78.0	81.9	85.9	90.2	95.0	100.2
30°	53.1	59.3	65.9	71.3	75.4	79.7	84.2	88.6	93.5	98.8	104.9
27.5°	54.6	61.0	67.4	72.7	76.8	81.1	85.9	91.4	96.6	102.4	109.5
25°	56.0	62.7	69.0	73.8	78.0	82.4	87.5	93.3	99.5	106.4	115.1
22.5°	57.3	64.2	70.4	74.7	78.9	83.6	89.1	95.2	101.9	109.9	120.6
20°	58.5	65.4	71.4	75.6	79.8	84.5	90.5	96.9	104.6	114.3	127.0
17.5°	59.6	66.4	72.0	76.3	80.6	85.5	91.6	98.3	106.9	118.1	133.1
15°	60.5	67.2	72.6	76.9	81.3	86.6	92.8	100.1	109.5	121.8	138.4
12.5°	61.3	67.8	73.1	77.3	81.8	87.3	93.8	101.8	112.1	125.9	145.6
10°	61.9	68.3	73.5	77.5	82.2	87.8	94.6	103.1	114.2	129.3	151.7
7.5°	62.5	68.7	73.8	77.6	82.5	88.1	95.1	104.0	115.8	131.9	156.7
5°	62.9	69.1	73.9	77.9	82.6	88.2	95.5	104.6	116.7	133.6	160.1
2.5°	63.1	69.3	73.9	78.0	82.7	88.2	95.9	104.9	117.8	135.0	162.1
0°	63.2	69.4	73.8	78.1	82.5	88.1	96.1	104.8	118.4	135.8	162.5
-2.5°	63.1	69.3	73.9	78.0	82.7	88.2	95.9	104.9	117.8	135.0	162.1
-5°	62.9	69.1	73.9	77.9	82.6	88.2	95.5	104.6	116.7	133.6	160.1
-7.5°	62.5	68.7	73.8	77.6	82.5	88.1	95.1	104.0	115.8	131.9	156.7
-10°	61.9	68.3	73.5	77.5	82.2	87.8	94.6	103.1	114.2	129.3	151.7
-12.5°	61.3	67.8	73.1	77.3	81.8	87.3	93.8	101.8	112.1	125.9	145.6
-15°	60.5	67.2	72.6	76.9	81.3	86.6	92.8	100.1	109.5	121.8	138.4
-17.5°	59.6	66.4	72.0	76.3	80.6	85.5	91.6	98.3	106.9	118.1	133.1
-20°	58.5	65.4	71.4	75.6	79.8	84.5	90.5	96.9	104.6	114.3	127.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	57.3	64.2	70.4	74.7	78.9	83.6	89.1	95.2	101.9	109.9	120.6
-25°	56.0	62.7	69.0	73.8	78.0	82.4	87.5	93.3	99.5	106.4	115.1
-27.5°	54.6	61.0	67.4	72.7	76.8	81.1	85.9	91.4	96.6	102.4	109.5
-30°	53.1	59.3	65.9	71.3	75.4	79.7	84.2	88.6	93.5	98.8	104.9
-32.5°	51.5	57.5	64.0	69.5	73.9	78.0	81.9	85.9	90.2	95.0	100.2
-35°	49.9	55.7	61.9	67.8	72.2	76.0	79.5	83.0	86.8	91.2	95.8
-37.5°	48.3	53.8	59.6	65.7	70.3	73.8	77.1	80.3	83.7	87.2	91.4
-40°	46.5	51.6	57.2	63.1	68.2	71.5	74.7	77.6	80.6	83.9	87.2
-42.5°	44.6	49.5	54.7	60.2	65.3	69.1	72.3	75.0	77.7	80.5	83.6
-45°	42.7	47.2	52.1	57.2	62.1	66.4	69.6	72.5	74.8	77.2	79.9
-47.5°	40.6	44.9	49.4	54.1	58.9	63.2	66.8	69.5	71.8	74.0	76.2
-50°	38.5	42.6	46.6	51.0	55.6	59.9	63.6	66.3	68.5	70.6	72.6
-52.5°	36.1	40.2	43.8	47.7	52.0	56.3	60.0	62.9	65.1	67.1	69.2
-55°	33.6	37.4	40.9	44.3	48.1	52.3	56.0	58.9	61.6	63.5	65.7
-57.5°	31.0	34.4	37.7	40.9	44.3	47.8	51.4	54.7	57.3	59.7	61.9
-60°	28.3	31.4	34.3	37.3	40.3	43.5	46.7	49.9	52.8	55.2	57.2
-62.5°	25.5	28.2	30.8	33.5	36.2	39.0	41.8	44.8	47.9	50.2	52.1
-65°	22.6	25.0	27.4	29.7	32.0	34.5	37.0	39.4	42.0	44.4	46.5
-67.5°	19.6	21.8	23.9	26.0	28.0	30.1	32.2	34.3	36.4	38.3	40.3
-70°	16.9	18.6	20.4	22.3	24.0	25.8	27.5	29.3	31.0	32.8	34.4
-72.5°	14.1	15.6	17.1	18.5	20.1	21.6	23.0	24.3	25.8	27.4	28.8
-75°	11.5	12.6	13.8	15.0	16.3	17.5	18.8	20.0	21.1	22.3	23.5
-77.5°	9.0	10.0	10.9	11.7	12.6	13.6	14.7	15.6	16.6	17.5	18.3
-80°	6.6	7.4	8.1	8.8	9.5	10.2	10.9	11.5	12.1	12.8	13.4
-82.5°	4.4	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.4	8.9	9.3
-85°	2.3	2.5	2.9	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.4
-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: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	5.6	5.9	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.7
82.5°	9.7	10.1	10.6	11.0	11.4	11.6	11.7	11.8	11.8	12.0	12.1
80°	14.1	14.8	15.4	16.0	16.5	16.8	17.2	17.5	17.7	17.9	17.9
77.5°	19.2	20.0	20.8	21.5	22.2	22.7	23.1	23.5	23.7	23.9	24.0
75°	24.6	25.7	26.6	27.5	28.3	28.9	29.3	29.6	29.8	30.0	30.1
72.5°	30.2	31.4	32.5	33.5	34.5	35.1	35.6	35.9	36.2	36.4	36.5
70°	36.0	37.5	38.7	39.8	40.6	41.2	41.7	42.1	42.4	42.6	42.7
67.5°	42.1	43.6	44.7	45.7	46.4	47.1	47.7	48.1	48.4	48.7	49.0
65°	48.2	49.8	51.0	51.9	52.7	53.6	54.3	54.9	55.3	55.7	56.0
62.5°	54.0	55.8	57.1	58.4	59.7	60.9	61.6	62.2	62.6	62.9	63.3
60°	59.2	61.2	62.9	64.4	66.0	67.6	68.3	68.8	69.3	69.7	70.1
57.5°	63.9	66.0	68.1	69.6	71.1	72.6	73.6	74.2	74.5	74.7	74.9
55°	67.9	70.0	72.1	73.8	75.5	77.0	78.1	78.7	79.1	79.4	79.5
52.5°	71.6	73.8	76.0	78.0	79.7	81.4	82.8	83.6	84.2	84.6	84.7
50°	75.2	77.6	80.0	82.1	84.1	86.1	87.9	88.9	89.7	90.1	90.3
47.5°	78.9	81.5	84.1	86.6	88.9	91.2	93.4	94.8	95.8	96.6	97.1
45°	82.7	85.6	88.5	91.3	94.0	97.0	99.7	101.8	103.3	104.6	105.7
42.5°	86.6	89.9	93.1	96.8	100.5	103.9	107.1	109.9	112.4	114.9	116.8
40°	90.9	94.4	98.9	103.2	107.7	111.7	116.4	120.7	124.5	128.7	132.2
37.5°	95.5	100.1	105.3	110.5	116.4	122.1	128.7	135.3	140.9	148.2	154.1
35°	100.6	106.4	112.5	119.5	127.1	136.1	145.3	156.1	165.3	177.0	187.7
32.5°	106.2	113.0	121.0	130.7	140.9	155.3	168.8	187.1	202.8	223.0	245.1
30°	112.0	120.7	131.6	144.1	161.4	181.8	205.7	236.7	270.1	304.8	351.5
27.5°	118.8	130.1	143.7	163.0	188.9	217.2	265.7	318.1	391.1	448.9	551.8
25°	126.1	140.1	160.2	188.2	224.0	281.2	363.1	457.9	603.9	733.9	883.1
22.5°	134.7	153.8	180.5	217.0	279.5	377.9	505.8	700.5	916.9	1130.6	1325.9
20°	143.9	167.0	204.2	263.8	360.3	502.7	730.7	1009.0	1296.4	1589.2	1836.0
17.5°	154.6	185.9	234.9	314.1	451.9	695.6	1000.2	1354.0	1729.4	2103.1	2427.6
15°	163.8	202.5	268.5	387.0	592.5	897.3	1271.7	1718.5	2190.7	2675.6	3201.1
12.5°	175.5	222.5	303.1	447.4	717.3	1113.5	1571.5	2090.4	2666.9	3310.7	4130.0
10°	186.3	243.5	348.6	544.0	867.2	1315.3	1830.5	2419.2	3167.0	4134.5	5122.8
7.5°	194.9	260.1	383.9	619.4	993.0	1487.8	2063.8	2769.5	3702.5	4854.6	5983.7
5°	201.0	271.6	409.1	676.4	1094.2	1619.7	2229.3	3027.8	4153.9	5444.0	6597.0
2.5°	204.7	277.9	421.5	710.3	1160.2	1699.0	2332.5	3191.9	4430.5	5819.2	6986.5
0°	206.5	279.0	413.6	726.7	1169.5	1693.4	2342.0	3246.7	4496.1	5921.1	7083.7
-2.5°	204.7	277.9	421.5	710.3	1160.2	1699.0	2332.5	3191.9	4430.5	5819.2	6986.5
-5°	201.0	271.6	409.1	676.4	1094.2	1619.7	2229.3	3027.8	4153.9	5444.0	6597.0
-7.5°	194.9	260.1	383.9	619.4	993.0	1487.8	2063.8	2769.5	3702.5	4854.6	5983.7
-10°	186.3	243.5	348.6	544.0	867.2	1315.3	1830.5	2419.2	3167.0	4134.5	5122.8
-12.5°	175.5	222.5	303.1	447.4	717.3	1113.5	1571.5	2090.4	2666.9	3310.7	4130.0
-15°	163.8	202.5	268.5	387.0	592.5	897.3	1271.7	1718.5	2190.7	2675.6	3201.1
-17.5°	154.6	185.9	234.9	314.1	451.9	695.6	1000.2	1354.0	1729.4	2103.1	2427.6
-20°	143.9	167.0	204.2	263.8	360.3	502.7	730.7	1009.0	1296.4	1589.2	1836.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	134.7	153.8	180.5	217.0	279.5	377.9	505.8	700.5	916.9	1130.6	1325.9
-25°	126.1	140.1	160.2	188.2	224.0	281.2	363.1	457.9	603.9	733.9	883.1
-27.5°	118.8	130.1	143.7	163.0	188.9	217.2	265.7	318.1	391.1	448.9	551.8
-30°	112.0	120.7	131.6	144.1	161.4	181.8	205.7	236.7	270.1	304.8	351.5
-32.5°	106.2	113.0	121.0	130.7	140.9	155.3	168.8	187.1	202.8	223.0	245.1
-35°	100.6	106.4	112.5	119.5	127.1	136.1	145.3	156.1	165.3	177.0	187.7
-37.5°	95.5	100.1	105.3	110.5	116.4	122.1	128.7	135.3	140.9	148.2	154.1
-40°	90.9	94.4	98.9	103.2	107.7	111.7	116.4	120.7	124.5	128.7	132.2
-42.5°	86.6	89.9	93.1	96.8	100.5	103.9	107.1	109.9	112.4	114.9	116.8
-45°	82.7	85.6	88.5	91.3	94.0	97.0	99.7	101.8	103.3	104.6	105.7
-47.5°	78.9	81.5	84.1	86.6	88.9	91.2	93.4	94.8	95.8	96.6	97.1
-50°	75.2	77.6	80.0	82.1	84.1	86.1	87.9	88.9	89.7	90.1	90.3
-52.5°	71.6	73.8	76.0	78.0	79.7	81.4	82.8	83.6	84.2	84.6	84.7
-55°	67.9	70.0	72.1	73.8	75.5	77.0	78.1	78.7	79.1	79.4	79.5
-57.5°	63.9	66.0	68.1	69.6	71.1	72.6	73.6	74.2	74.5	74.7	74.9
-60°	59.2	61.2	62.9	64.4	66.0	67.6	68.3	68.8	69.3	69.7	70.1
-62.5°	54.0	55.8	57.1	58.4	59.7	60.9	61.6	62.2	62.6	62.9	63.3
-65°	48.2	49.8	51.0	51.9	52.7	53.6	54.3	54.9	55.3	55.7	56.0
-67.5°	42.1	43.6	44.7	45.7	46.4	47.1	47.7	48.1	48.4	48.7	49.0
-70°	36.0	37.5	38.7	39.8	40.6	41.2	41.7	42.1	42.4	42.6	42.7
-72.5°	30.2	31.4	32.5	33.5	34.5	35.1	35.6	35.9	36.2	36.4	36.5
-75°	24.6	25.7	26.6	27.5	28.3	28.9	29.3	29.6	29.8	30.0	30.1
-77.5°	19.2	20.0	20.8	21.5	22.2	22.7	23.1	23.5	23.7	23.9	24.0
-80°	14.1	14.8	15.4	16.0	16.5	16.8	17.2	17.5	17.7	17.9	17.9
-82.5°	9.7	10.1	10.6	11.0	11.4	11.6	11.7	11.8	11.8	12.0	12.1
-85°	5.6	5.9	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.7
-87.5°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-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: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.5
82.5°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.1	12.0	11.8	11.8
80°	18.0	17.9	18.0	18.0	18.0	17.9	18.0	17.9	17.9	17.7	17.5
77.5°	24.1	24.1	24.2	24.2	24.2	24.1	24.1	24.0	23.9	23.7	23.5
75°	30.2	30.3	30.4	30.4	30.4	30.3	30.2	30.1	30.0	29.8	29.6
72.5°	36.5	36.5	36.6	36.6	36.6	36.5	36.5	36.5	36.4	36.2	35.9
70°	42.7	42.6	43.0	43.4	43.0	42.6	42.7	42.7	42.6	42.4	42.1
67.5°	49.2	49.4	49.8	50.2	49.8	49.4	49.2	49.0	48.7	48.4	48.1
65°	56.2	56.2	56.6	57.0	56.6	56.2	56.2	56.0	55.7	55.3	54.9
62.5°	63.6	63.6	64.1	64.5	64.1	63.6	63.6	63.3	62.9	62.6	62.2
60°	70.4	70.5	70.6	70.7	70.6	70.5	70.4	70.1	69.7	69.3	68.8
57.5°	75.0	74.9	74.9	75.0	74.9	74.9	75.0	74.9	74.7	74.5	74.2
55°	79.5	79.3	79.1	78.7	79.1	79.3	79.5	79.5	79.4	79.1	78.7
52.5°	84.6	84.3	84.0	83.7	84.0	84.3	84.6	84.7	84.6	84.2	83.6
50°	90.2	89.9	89.6	89.3	89.6	89.9	90.2	90.3	90.1	89.7	88.9
47.5°	97.5	97.7	97.6	97.4	97.6	97.7	97.5	97.1	96.6	95.8	94.8
45°	106.5	106.9	106.9	106.7	106.9	106.9	106.5	105.7	104.6	103.3	101.8
42.5°	118.1	119.0	119.4	119.7	119.4	119.0	118.1	116.8	114.9	112.4	109.9
40°	134.7	136.3	137.4	138.3	137.4	136.3	134.7	132.2	128.7	124.5	120.7
37.5°	158.5	161.4	162.6	161.8	162.6	161.4	158.5	154.1	148.2	140.9	135.3
35°	196.0	201.5	204.4	204.6	204.4	201.5	196.0	187.7	177.0	165.3	156.1
32.5°	261.4	272.7	278.8	279.7	278.8	272.7	261.4	245.1	223.0	202.8	187.1
30°	387.2	410.3	421.1	418.5	421.1	410.3	387.2	351.5	304.8	270.1	236.7
27.5°	631.7	689.3	723.4	726.1	723.4	689.3	631.7	551.8	448.9	391.1	318.1
25°	1015.3	1113.6	1176.5	1177.5	1176.5	1113.6	1015.3	883.1	733.9	603.9	457.9
22.5°	1506.5	1640.6	1714.1	1726.9	1714.1	1640.6	1506.5	1325.9	1130.6	916.9	700.5
20°	2075.5	2253.9	2349.4	2349.4	2349.4	2253.9	2075.5	1836.0	1589.2	1296.4	1009.0
17.5°	2776.3	3065.9	3247.8	3326.1	3247.8	3065.9	2776.3	2427.6	2103.1	1729.4	1354.0
15°	3707.2	4194.0	4485.8	4538.3	4485.8	4194.0	3707.2	3201.1	2675.6	2190.7	1718.5
12.5°	4840.7	5456.8	5870.9	6022.7	5870.9	5456.8	4840.7	4130.0	3310.7	2666.9	2090.4
10°	6024.2	6595.1	7038.8	7187.9	7038.8	6595.1	6024.2	5122.8	4134.5	3167.0	2419.2
7.5°	6879.3	7560.0	8059.8	8279.2	8059.8	7560.0	6879.3	5983.7	4854.6	3702.5	2769.5
5°	7554.2	8359.6	8824.9	9031.3	8824.9	8359.6	7554.2	6597.0	5444.0	4153.9	3027.8
2.5°	7997.0	8792.9	9285.5	9475.9	9285.5	8792.9	7997.0	6986.5	5819.2	4430.5	3191.9
0°	8162.6	8940.8	9427.6	9660.1	9427.6	8940.8	8162.6	7083.7	5921.1	4496.1	3246.7
-2.5°	7997.0	8792.9	9285.5	9475.9	9285.5	8792.9	7997.0	6986.5	5819.2	4430.5	3191.9
-5°	7554.2	8359.6	8824.9	9031.3	8824.9	8359.6	7554.2	6597.0	5444.0	4153.9	3027.8
-7.5°	6879.3	7560.0	8059.8	8279.2	8059.8	7560.0	6879.3	5983.7	4854.6	3702.5	2769.5
-10°	6024.2	6595.1	7038.8	7187.9	7038.8	6595.1	6024.2	5122.8	4134.5	3167.0	2419.2
-12.5°	4840.7	5456.8	5870.9	6022.7	5870.9	5456.8	4840.7	4130.0	3310.7	2666.9	2090.4
-15°	3707.2	4194.0	4485.8	4538.3	4485.8	4194.0	3707.2	3201.1	2675.6	2190.7	1718.5
-17.5°	2776.3	3065.9	3247.8	3326.1	3247.8	3065.9	2776.3	2427.6	2103.1	1729.4	1354.0
-20°	2075.5	2253.9	2349.4	2349.4	2349.4	2253.9	2075.5	1836.0	1589.2	1296.4	1009.0



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	1506.5	1640.6	1714.1	1726.9	1714.1	1640.6	1506.5	1325.9	1130.6	916.9	700.5
-25°	1015.3	1113.6	1176.5	1177.5	1176.5	1113.6	1015.3	883.1	733.9	603.9	457.9
-27.5°	631.7	689.3	723.4	726.1	723.4	689.3	631.7	551.8	448.9	391.1	318.1
-30°	387.2	410.3	421.1	418.5	421.1	410.3	387.2	351.5	304.8	270.1	236.7
-32.5°	261.4	272.7	278.8	279.7	278.8	272.7	261.4	245.1	223.0	202.8	187.1
-35°	196.0	201.5	204.4	204.6	204.4	201.5	196.0	187.7	177.0	165.3	156.1
-37.5°	158.5	161.4	162.6	161.8	162.6	161.4	158.5	154.1	148.2	140.9	135.3
-40°	134.7	136.3	137.4	138.3	137.4	136.3	134.7	132.2	128.7	124.5	120.7
-42.5°	118.1	119.0	119.4	119.7	119.4	119.0	118.1	116.8	114.9	112.4	109.9
-45°	106.5	106.9	106.9	106.7	106.9	106.9	106.5	105.7	104.6	103.3	101.8
-47.5°	97.5	97.7	97.6	97.4	97.6	97.7	97.5	97.1	96.6	95.8	94.8
-50°	90.2	89.9	89.6	89.3	89.6	89.9	90.2	90.3	90.1	89.7	88.9
-52.5°	84.6	84.3	84.0	83.7	84.0	84.3	84.6	84.7	84.6	84.2	83.6
-55°	79.5	79.3	79.1	78.7	79.1	79.3	79.5	79.5	79.4	79.1	78.7
-57.5°	75.0	74.9	74.9	75.0	74.9	74.9	75.0	74.9	74.7	74.5	74.2
-60°	70.4	70.5	70.6	70.7	70.6	70.5	70.4	70.1	69.7	69.3	68.8
-62.5°	63.6	63.6	64.1	64.5	64.1	63.6	63.6	63.3	62.9	62.6	62.2
-65°	56.2	56.2	56.6	57.0	56.6	56.2	56.2	56.0	55.7	55.3	54.9
-67.5°	49.2	49.4	49.8	50.2	49.8	49.4	49.2	49.0	48.7	48.4	48.1
-70°	42.7	42.6	43.0	43.4	43.0	42.6	42.7	42.7	42.6	42.4	42.1
-72.5°	36.5	36.5	36.6	36.6	36.6	36.5	36.5	36.5	36.4	36.2	35.9
-75°	30.2	30.3	30.4	30.4	30.4	30.3	30.2	30.1	30.0	29.8	29.6
-77.5°	24.1	24.1	24.2	24.2	24.2	24.1	24.1	24.0	23.9	23.7	23.5
-80°	18.0	17.9	18.0	18.0	18.0	17.9	18.0	17.9	17.9	17.7	17.5
-82.5°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.1	12.0	11.8	11.8
-85°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.5
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	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: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
85°	6.5	6.5	6.5	6.3	6.1	5.9	5.6	5.4	5.1	4.8	4.5
82.5°	11.7	11.6	11.4	11.0	10.6	10.1	9.7	9.3	8.9	8.4	8.0
80°	17.2	16.8	16.5	16.0	15.4	14.8	14.1	13.4	12.8	12.1	11.5
77.5°	23.1	22.7	22.2	21.5	20.8	20.0	19.2	18.3	17.5	16.6	15.6
75°	29.3	28.9	28.3	27.5	26.6	25.7	24.6	23.5	22.3	21.1	20.0
72.5°	35.6	35.1	34.5	33.5	32.5	31.4	30.2	28.8	27.4	25.8	24.3
70°	41.7	41.2	40.6	39.8	38.7	37.5	36.0	34.4	32.8	31.0	29.3
67.5°	47.7	47.1	46.4	45.7	44.7	43.6	42.1	40.3	38.3	36.4	34.3
65°	54.3	53.6	52.7	51.9	51.0	49.8	48.2	46.5	44.4	42.0	39.4
62.5°	61.6	60.9	59.7	58.4	57.1	55.8	54.0	52.1	50.2	47.9	44.8
60°	68.3	67.6	66.0	64.4	62.9	61.2	59.2	57.2	55.2	52.8	49.9
57.5°	73.6	72.6	71.1	69.6	68.1	66.0	63.9	61.9	59.7	57.3	54.7
55°	78.1	77.0	75.5	73.8	72.1	70.0	67.9	65.7	63.5	61.6	58.9
52.5°	82.8	81.4	79.7	78.0	76.0	73.8	71.6	69.2	67.1	65.1	62.9
50°	87.9	86.1	84.1	82.1	80.0	77.6	75.2	72.6	70.6	68.5	66.3
47.5°	93.4	91.2	88.9	86.6	84.1	81.5	78.9	76.2	74.0	71.8	69.5
45°	99.7	97.0	94.0	91.3	88.5	85.6	82.7	79.9	77.2	74.8	72.5
42.5°	107.1	103.9	100.5	96.8	93.1	89.9	86.6	83.6	80.5	77.7	75.0
40°	116.4	111.7	107.7	103.2	98.9	94.4	90.9	87.2	83.9	80.6	77.6
37.5°	128.7	122.1	116.4	110.5	105.3	100.1	95.5	91.4	87.2	83.7	80.3
35°	145.3	136.1	127.1	119.5	112.5	106.4	100.6	95.8	91.2	86.8	83.0
32.5°	168.8	155.3	140.9	130.7	121.0	113.0	106.2	100.2	95.0	90.2	85.9
30°	205.7	181.8	161.4	144.1	131.6	120.7	112.0	104.9	98.8	93.5	88.6
27.5°	265.7	217.2	188.9	163.0	143.7	130.1	118.8	109.5	102.4	96.6	91.4
25°	363.1	281.2	224.0	188.2	160.2	140.1	126.1	115.1	106.4	99.5	93.3
22.5°	505.8	377.9	279.5	217.0	180.5	153.8	134.7	120.6	109.9	101.9	95.2
20°	730.7	502.7	360.3	263.8	204.2	167.0	143.9	127.0	114.3	104.6	96.9
17.5°	1000.2	695.6	451.9	314.1	234.9	185.9	154.6	133.1	118.1	106.9	98.3
15°	1271.7	897.3	592.5	387.0	268.5	202.5	163.8	138.4	121.8	109.5	100.1
12.5°	1571.5	1113.5	717.3	447.4	303.1	222.5	175.5	145.6	125.9	112.1	101.8
10°	1830.5	1315.3	867.2	544.0	348.6	243.5	186.3	151.7	129.3	114.2	103.1
7.5°	2063.8	1487.8	993.0	619.4	383.9	260.1	194.9	156.7	131.9	115.8	104.0
5°	2229.3	1619.7	1094.2	676.4	409.1	271.6	201.0	160.1	133.6	116.7	104.6
2.5°	2332.5	1699.0	1160.2	710.3	421.5	277.9	204.7	162.1	135.0	117.8	104.9
0°	2342.0	1693.4	1169.5	726.7	413.6	279.0	206.5	162.5	135.8	118.4	104.8
-2.5°	2332.5	1699.0	1160.2	710.3	421.5	277.9	204.7	162.1	135.0	117.8	104.9
-5°	2229.3	1619.7	1094.2	676.4	409.1	271.6	201.0	160.1	133.6	116.7	104.6
-7.5°	2063.8	1487.8	993.0	619.4	383.9	260.1	194.9	156.7	131.9	115.8	104.0
-10°	1830.5	1315.3	867.2	544.0	348.6	243.5	186.3	151.7	129.3	114.2	103.1
-12.5°	1571.5	1113.5	717.3	447.4	303.1	222.5	175.5	145.6	125.9	112.1	101.8
-15°	1271.7	897.3	592.5	387.0	268.5	202.5	163.8	138.4	121.8	109.5	100.1
-17.5°	1000.2	695.6	451.9	314.1	234.9	185.9	154.6	133.1	118.1	106.9	98.3
-20°	730.7	502.7	360.3	263.8	204.2	167.0	143.9	127.0	114.3	104.6	96.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	505.8	377.9	279.5	217.0	180.5	153.8	134.7	120.6	109.9	101.9	95.2
-25°	363.1	281.2	224.0	188.2	160.2	140.1	126.1	115.1	106.4	99.5	93.3
-27.5°	265.7	217.2	188.9	163.0	143.7	130.1	118.8	109.5	102.4	96.6	91.4
-30°	205.7	181.8	161.4	144.1	131.6	120.7	112.0	104.9	98.8	93.5	88.6
-32.5°	168.8	155.3	140.9	130.7	121.0	113.0	106.2	100.2	95.0	90.2	85.9
-35°	145.3	136.1	127.1	119.5	112.5	106.4	100.6	95.8	91.2	86.8	83.0
-37.5°	128.7	122.1	116.4	110.5	105.3	100.1	95.5	91.4	87.2	83.7	80.3
-40°	116.4	111.7	107.7	103.2	98.9	94.4	90.9	87.2	83.9	80.6	77.6
-42.5°	107.1	103.9	100.5	96.8	93.1	89.9	86.6	83.6	80.5	77.7	75.0
-45°	99.7	97.0	94.0	91.3	88.5	85.6	82.7	79.9	77.2	74.8	72.5
-47.5°	93.4	91.2	88.9	86.6	84.1	81.5	78.9	76.2	74.0	71.8	69.5
-50°	87.9	86.1	84.1	82.1	80.0	77.6	75.2	72.6	70.6	68.5	66.3
-52.5°	82.8	81.4	79.7	78.0	76.0	73.8	71.6	69.2	67.1	65.1	62.9
-55°	78.1	77.0	75.5	73.8	72.1	70.0	67.9	65.7	63.5	61.6	58.9
-57.5°	73.6	72.6	71.1	69.6	68.1	66.0	63.9	61.9	59.7	57.3	54.7
-60°	68.3	67.6	66.0	64.4	62.9	61.2	59.2	57.2	55.2	52.8	49.9
-62.5°	61.6	60.9	59.7	58.4	57.1	55.8	54.0	52.1	50.2	47.9	44.8
-65°	54.3	53.6	52.7	51.9	51.0	49.8	48.2	46.5	44.4	42.0	39.4
-67.5°	47.7	47.1	46.4	45.7	44.7	43.6	42.1	40.3	38.3	36.4	34.3
-70°	41.7	41.2	40.6	39.8	38.7	37.5	36.0	34.4	32.8	31.0	29.3
-72.5°	35.6	35.1	34.5	33.5	32.5	31.4	30.2	28.8	27.4	25.8	24.3
-75°	29.3	28.9	28.3	27.5	26.6	25.7	24.6	23.5	22.3	21.1	20.0
-77.5°	23.1	22.7	22.2	21.5	20.8	20.0	19.2	18.3	17.5	16.6	15.6
-80°	17.2	16.8	16.5	16.0	15.4	14.8	14.1	13.4	12.8	12.1	11.5
-82.5°	11.7	11.6	11.4	11.0	10.6	10.1	9.7	9.3	8.9	8.4	8.0
-85°	6.5	6.5	6.5	6.3	6.1	5.9	5.6	5.4	5.1	4.8	4.5
-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



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-MR-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°	4.2	3.9	3.6	3.2	2.9	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	7.5	7.0	6.5	6.0	5.5	4.9	4.4	3.8	3.2	2.6	2.2
80°	10.9	10.2	9.5	8.8	8.1	7.4	6.6	5.8	5.0	4.2	3.4
77.5°	14.7	13.6	12.6	11.7	10.9	10.0	9.0	7.9	6.8	5.7	4.7
75°	18.8	17.5	16.3	15.0	13.8	12.6	11.5	10.2	8.7	7.2	6.0
72.5°	23.0	21.6	20.1	18.5	17.1	15.6	14.1	12.5	10.8	9.1	7.3
70°	27.5	25.8	24.0	22.3	20.4	18.6	16.9	14.9	12.8	10.9	8.9
67.5°	32.2	30.1	28.0	26.0	23.9	21.8	19.6	17.4	15.0	12.7	10.5
65°	37.0	34.5	32.0	29.7	27.4	25.0	22.6	19.8	17.2	14.6	12.0
62.5°	41.8	39.0	36.2	33.5	30.8	28.2	25.5	22.4	19.4	16.5	13.6
60°	46.7	43.5	40.3	37.3	34.3	31.4	28.3	24.8	21.6	18.4	15.3
57.5°	51.4	47.8	44.3	40.9	37.7	34.4	31.0	27.3	23.7	20.2	16.9
55°	56.0	52.3	48.1	44.3	40.9	37.4	33.6	29.7	25.7	22.0	18.4
52.5°	60.0	56.3	52.0	47.7	43.8	40.2	36.1	32.0	27.8	23.7	19.9
50°	63.6	59.9	55.6	51.0	46.6	42.6	38.5	34.2	29.9	25.4	21.4
47.5°	66.8	63.2	58.9	54.1	49.4	44.9	40.6	36.2	31.8	27.1	22.8
45°	69.6	66.4	62.1	57.2	52.1	47.2	42.7	38.1	33.5	28.8	24.1
42.5°	72.3	69.1	65.3	60.2	54.7	49.5	44.6	39.9	35.1	30.4	25.4
40°	74.7	71.5	68.2	63.1	57.2	51.6	46.5	41.6	36.7	31.8	26.7
37.5°	77.1	73.8	70.3	65.7	59.6	53.8	48.3	43.1	38.1	33.1	28.0
35°	79.5	76.0	72.2	67.8	61.9	55.7	49.9	44.6	39.5	34.4	29.1
32.5°	81.9	78.0	73.9	69.5	64.0	57.5	51.5	46.1	40.8	35.5	30.2
30°	84.2	79.7	75.4	71.3	65.9	59.3	53.1	47.4	42.0	36.6	31.1
27.5°	85.9	81.1	76.8	72.7	67.4	61.0	54.6	48.7	43.1	37.5	32.0
25°	87.5	82.4	78.0	73.8	69.0	62.7	56.0	49.8	44.1	38.4	32.7
22.5°	89.1	83.6	78.9	74.7	70.4	64.2	57.3	50.9	45.0	39.2	33.4
20°	90.5	84.5	79.8	75.6	71.4	65.4	58.5	51.9	45.8	39.9	34.0
17.5°	91.6	85.5	80.6	76.3	72.0	66.4	59.6	52.8	46.5	40.6	34.6
15°	92.8	86.6	81.3	76.9	72.6	67.2	60.5	53.6	47.1	41.1	35.1
12.5°	93.8	87.3	81.8	77.3	73.1	67.8	61.3	54.2	47.6	41.6	35.5
10°	94.6	87.8	82.2	77.5	73.5	68.3	61.9	54.7	48.2	42.0	35.9
7.5°	95.1	88.1	82.5	77.6	73.8	68.7	62.5	55.4	48.7	42.4	36.2
5°	95.5	88.2	82.6	77.9	73.9	69.1	62.9	55.8	49.1	42.6	36.4
2.5°	95.9	88.2	82.7	78.0	73.9	69.3	63.1	56.2	49.4	42.8	36.6
0°	96.1	88.1	82.5	78.1	73.8	69.4	63.2	56.4	49.6	42.8	36.6
-2.5°	95.9	88.2	82.7	78.0	73.9	69.3	63.1	56.2	49.4	42.8	36.6
-5°	95.5	88.2	82.6	77.9	73.9	69.1	62.9	55.8	49.1	42.6	36.4
-7.5°	95.1	88.1	82.5	77.6	73.8	68.7	62.5	55.4	48.7	42.4	36.2
-10°	94.6	87.8	82.2	77.5	73.5	68.3	61.9	54.7	48.2	42.0	35.9
-12.5°	93.8	87.3	81.8	77.3	73.1	67.8	61.3	54.2	47.6	41.6	35.5
-15°	92.8	86.6	81.3	76.9	72.6	67.2	60.5	53.6	47.1	41.1	35.1
-17.5°	91.6	85.5	80.6	76.3	72.0	66.4	59.6	52.8	46.5	40.6	34.6
-20°	90.5	84.5	79.8	75.6	71.4	65.4	58.5	51.9	45.8	39.9	34.0

Classified

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



REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	89.1	83.6	78.9	74.7	70.4	64.2	57.3	50.9	45.0	39.2	33.4
-25°	87.5	82.4	78.0	73.8	69.0	62.7	56.0	49.8	44.1	38.4	32.7
-27.5°	85.9	81.1	76.8	72.7	67.4	61.0	54.6	48.7	43.1	37.5	32.0
-30°	84.2	79.7	75.4	71.3	65.9	59.3	53.1	47.4	42.0	36.6	31.1
-32.5°	81.9	78.0	73.9	69.5	64.0	57.5	51.5	46.1	40.8	35.5	30.2
-35°	79.5	76.0	72.2	67.8	61.9	55.7	49.9	44.6	39.5	34.4	29.1
-37.5°	77.1	73.8	70.3	65.7	59.6	53.8	48.3	43.1	38.1	33.1	28.0
-40°	74.7	71.5	68.2	63.1	57.2	51.6	46.5	41.6	36.7	31.8	26.7
-42.5°	72.3	69.1	65.3	60.2	54.7	49.5	44.6	39.9	35.1	30.4	25.4
-45°	69.6	66.4	62.1	57.2	52.1	47.2	42.7	38.1	33.5	28.8	24.1
-47.5°	66.8	63.2	58.9	54.1	49.4	44.9	40.6	36.2	31.8	27.1	22.8
-50°	63.6	59.9	55.6	51.0	46.6	42.6	38.5	34.2	29.9	25.4	21.4
-52.5°	60.0	56.3	52.0	47.7	43.8	40.2	36.1	32.0	27.8	23.7	19.9
-55°	56.0	52.3	48.1	44.3	40.9	37.4	33.6	29.7	25.7	22.0	18.4
-57.5°	51.4	47.8	44.3	40.9	37.7	34.4	31.0	27.3	23.7	20.2	16.9
-60°	46.7	43.5	40.3	37.3	34.3	31.4	28.3	24.8	21.6	18.4	15.3
-62.5°	41.8	39.0	36.2	33.5	30.8	28.2	25.5	22.4	19.4	16.5	13.6
-65°	37.0	34.5	32.0	29.7	27.4	25.0	22.6	19.8	17.2	14.6	12.0
-67.5°	32.2	30.1	28.0	26.0	23.9	21.8	19.6	17.4	15.0	12.7	10.5
-70°	27.5	25.8	24.0	22.3	20.4	18.6	16.9	14.9	12.8	10.9	8.9
-72.5°	23.0	21.6	20.1	18.5	17.1	15.6	14.1	12.5	10.8	9.1	7.3
-75°	18.8	17.5	16.3	15.0	13.8	12.6	11.5	10.2	8.7	7.2	6.0
-77.5°	14.7	13.6	12.6	11.7	10.9	10.0	9.0	7.9	6.8	5.7	4.7
-80°	10.9	10.2	9.5	8.8	8.1	7.4	6.6	5.8	5.0	4.2	3.4
-82.5°	7.5	7.0	6.5	6.0	5.5	4.9	4.4	3.8	3.2	2.6	2.2
-85°	4.2	3.9	3.6	3.2	2.9	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: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	1.3	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°	3.7	2.8	2.2	1.6	1.1	0.5	0.0
75°	4.8	3.7	2.6	1.9	1.3	0.6	0.0
72.5°	5.9	4.6	3.3	2.2	1.5	0.8	0.0
70°	7.0	5.5	4.1	2.6	1.7	0.9	0.0
67.5°	8.3	6.4	4.8	3.1	1.9	1.0	0.0
65°	9.7	7.4	5.4	3.6	2.1	1.1	0.0
62.5°	11.0	8.4	6.1	4.1	2.3	1.2	0.0
60°	12.3	9.5	6.8	4.6	2.5	1.2	0.0
57.5°	13.6	10.6	7.6	5.1	2.8	1.3	0.0
55°	14.9	11.6	8.4	5.6	3.1	1.4	0.0
52.5°	16.2	12.6	9.2	6.0	3.4	1.5	0.0
50°	17.4	13.6	10.0	6.5	3.7	1.6	0.0
47.5°	18.5	14.5	10.7	6.9	4.0	1.7	0.0
45°	19.7	15.4	11.4	7.5	4.3	1.8	0.0
42.5°	20.8	16.3	12.1	8.0	4.5	1.8	0.0
40°	21.8	17.1	12.7	8.4	4.8	1.9	0.0
37.5°	22.8	17.9	13.3	8.9	5.0	2.0	0.0
35°	23.8	18.7	13.9	9.3	5.2	2.0	0.0
32.5°	24.7	19.4	14.5	9.7	5.5	2.1	0.0
30°	25.5	20.1	15.0	10.1	5.6	2.2	0.0
27.5°	26.3	20.7	15.4	10.4	5.8	2.2	0.0
25°	27.0	21.3	15.8	10.7	6.0	2.3	0.0
22.5°	27.6	21.8	16.2	10.9	6.1	2.3	0.0
20°	28.1	22.2	16.6	11.1	6.3	2.3	0.0
17.5°	28.6	22.6	16.9	11.3	6.4	2.4	0.0
15°	29.1	23.0	17.2	11.5	6.5	2.4	0.0
12.5°	29.5	23.2	17.4	11.6	6.6	2.4	0.0
10°	29.8	23.4	17.6	11.7	6.7	2.5	0.0
7.5°	30.1	23.5	17.8	11.8	6.7	2.5	0.0
5°	30.2	23.6	17.9	11.8	6.8	2.5	0.0
2.5°	30.4	23.6	18.0	11.8	6.8	2.5	0.0
0°	30.4	23.6	18.0	11.8	6.8	2.5	0.0
-2.5°	30.4	23.6	18.0	11.8	6.8	2.5	0.0
-5°	30.2	23.6	17.9	11.8	6.8	2.5	0.0
-7.5°	30.1	23.5	17.8	11.8	6.7	2.5	0.0
-10°	29.8	23.4	17.6	11.7	6.7	2.5	0.0
-12.5°	29.5	23.2	17.4	11.6	6.6	2.4	0.0
-15°	29.1	23.0	17.2	11.5	6.5	2.4	0.0
-17.5°	28.6	22.6	16.9	11.3	6.4	2.4	0.0
-20°	28.1	22.2	16.6	11.1	6.3	2.3	0.0

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REPORT NUMBER: P626575 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.6	21.8	16.2	10.9	6.1	2.3	0.0
-25°	27.0	21.3	15.8	10.7	6.0	2.3	0.0
-27.5°	26.3	20.7	15.4	10.4	5.8	2.2	0.0
-30°	25.5	20.1	15.0	10.1	5.6	2.2	0.0
-32.5°	24.7	19.4	14.5	9.7	5.5	2.1	0.0
-35°	23.8	18.7	13.9	9.3	5.2	2.0	0.0
-37.5°	22.8	17.9	13.3	8.9	5.0	2.0	0.0
-40°	21.8	17.1	12.7	8.4	4.8	1.9	0.0
-42.5°	20.8	16.3	12.1	8.0	4.5	1.8	0.0
-45°	19.7	15.4	11.4	7.5	4.3	1.8	0.0
-47.5°	18.5	14.5	10.7	6.9	4.0	1.7	0.0
-50°	17.4	13.6	10.0	6.5	3.7	1.6	0.0
-52.5°	16.2	12.6	9.2	6.0	3.4	1.5	0.0
-55°	14.9	11.6	8.4	5.6	3.1	1.4	0.0
-57.5°	13.6	10.6	7.6	5.1	2.8	1.3	0.0
-60°	12.3	9.5	6.8	4.6	2.5	1.2	0.0
-62.5°	11.0	8.4	6.1	4.1	2.3	1.2	0.0
-65°	9.7	7.4	5.4	3.6	2.1	1.1	0.0
-67.5°	8.3	6.4	4.8	3.1	1.9	1.0	0.0
-70°	7.0	5.5	4.1	2.6	1.7	0.9	0.0
-72.5°	5.9	4.6	3.3	2.2	1.5	0.8	0.0
-75°	4.8	3.7	2.6	1.9	1.3	0.6	0.0
-77.5°	3.7	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)