

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: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626539 (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-727-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N8
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

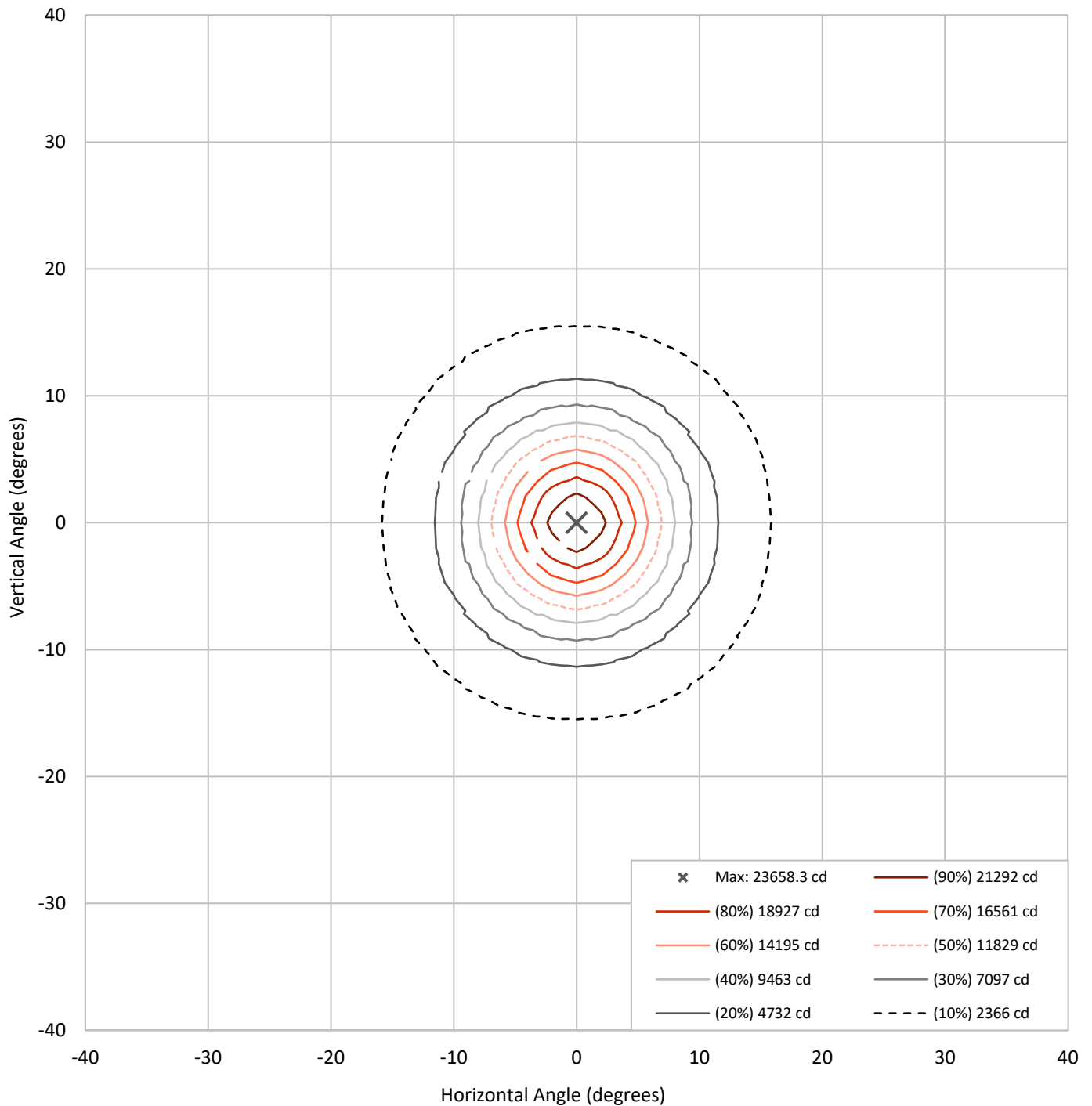
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2512.2 lumens	Max Intensity:	23658.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.8 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:	742.7 lumens	Field Lumens:	1671.5 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		



REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





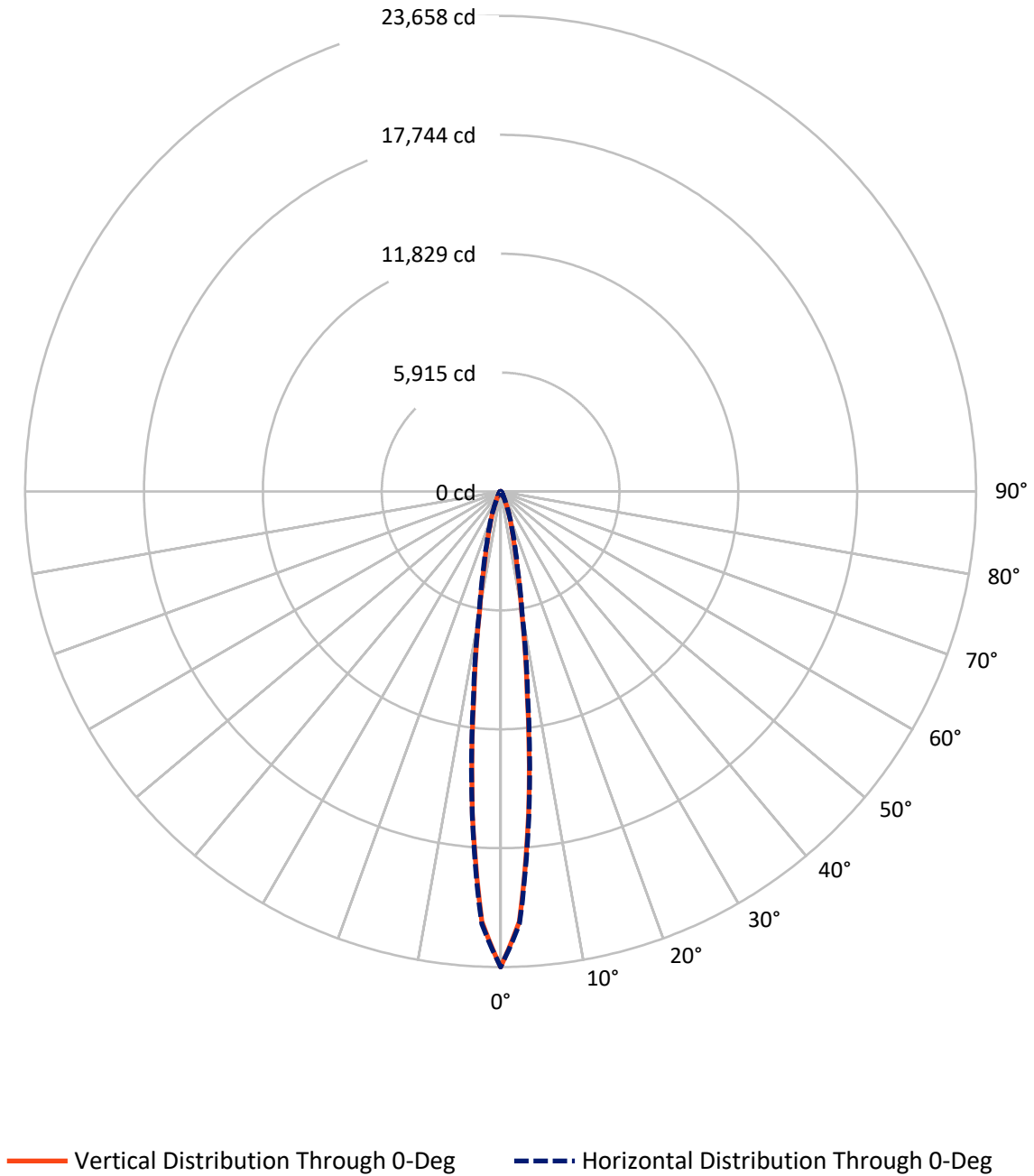
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Lumen Table

90	0.0	0.3	0.9	1.5	1.6	1.5	0.9	0.3	0.0										
80	0.0	0.3	0.9	1.5	1.6	1.5	0.9	0.3	0.0										
70	0.2	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.0	0.8	0.6	0.4	0.2	0.2			
60		0.3	0.5	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.5	0.3				
50	0.3	0.3	0.7	1.1	1.5	1.8	2.2	2.3	2.3	2.2	1.8	1.5	1.1	0.7	0.3	0.3			
40		0.4	0.8	1.3	1.8	2.6	3.6	4.5	4.5	3.6	2.6	1.8	1.3	0.8	0.4				
30	0.4	0.5	0.9	1.4	2.3	4.6	10.5	17.3	17.3	10.5	4.6	2.3	1.4	0.9	0.5	0.4			
20		0.5	1.0	1.6	3.1	9.7	34.6	74.5	74.5	34.6	9.7	3.1	1.6	1.0	0.5				
10	0.4	0.5	1.0	1.7	3.7	16.1	75.2	325.0	325.0	75.2	16.1	3.7	1.7	1.0	0.5	0.4			
0		0.5	1.0	1.7	3.7	16.1	75.2	325.0	325.0	75.2	16.1	3.7	1.7	1.0	0.5				
-10	0.4	0.5	1.0	1.6	3.1	9.7	34.6	74.5	74.5	34.6	9.7	3.1	1.6	1.0	0.5	0.4			
-20		0.5	0.9	1.4	2.3	4.6	10.5	17.3	17.3	10.5	4.6	2.3	1.4	0.9	0.5				
-30	0.3	0.4	0.8	1.3	1.8	2.6	3.6	4.5	4.5	3.6	2.6	1.8	1.3	0.8	0.4	0.3			
-40		0.3	0.7	1.1	1.5	1.8	2.2	2.3	2.3	2.2	1.8	1.5	1.1	0.7	0.3				
-50	0.2	0.3	0.5	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.5	0.3	0.2			
-60		0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.0	0.8	0.6	0.4	0.2				
-70	0.0	0.3	0.9	1.5	1.6	1.5	0.9	0.3	0.0							0.0			
-80		0.3	0.9	1.5	1.6	1.5	0.9	0.3	0.0										
-90	0.0	0.3	0.9	1.5	1.6	1.5	0.9	0.3	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

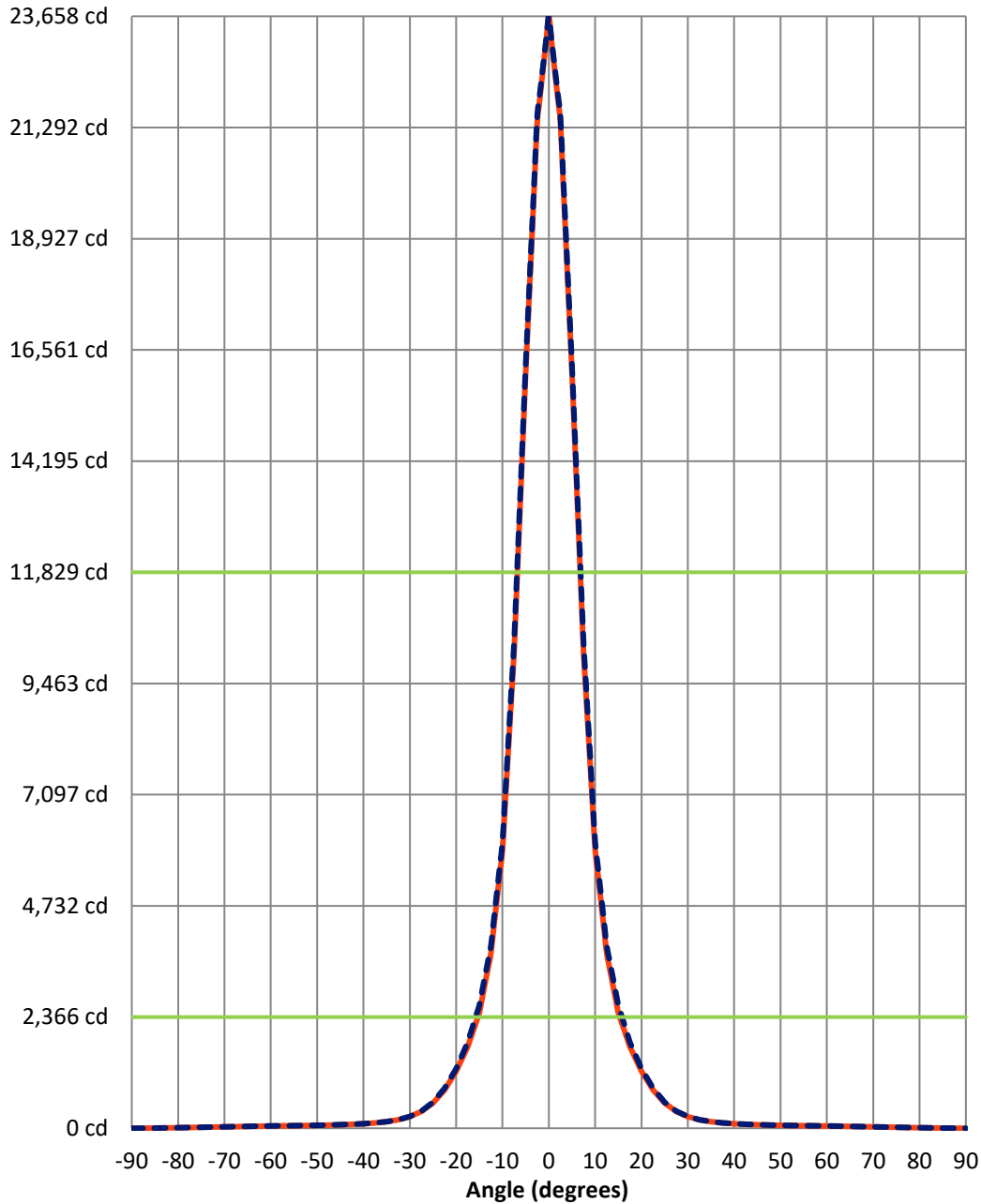
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 742.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 1671.5
 Efficiency: 66.5%

Spill:
 Lumens: 840.7
 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	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.8
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.1	3.6	4.1
77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.9	3.5	4.2	4.8	5.4
75°	0.0	0.5	1.0	1.5	2.1	2.8	3.6	4.4	5.2	6.1	6.9
72.5°	0.0	0.5	1.2	1.8	2.6	3.5	4.4	5.4	6.4	7.4	8.3
70°	0.0	0.6	1.3	2.1	3.0	4.1	5.2	6.4	7.5	8.6	9.9
67.5°	0.0	0.7	1.5	2.4	3.5	4.6	6.0	7.4	8.6	10.1	11.6
65°	0.0	0.7	1.6	2.7	3.9	5.3	6.8	8.3	9.9	11.6	13.3
62.5°	0.0	0.8	1.8	3.0	4.3	5.9	7.6	9.4	11.2	13.0	15.1
60°	0.0	0.9	1.9	3.3	4.8	6.6	8.4	10.5	12.4	14.7	17.0
57.5°	0.0	0.9	2.1	3.6	5.3	7.2	9.3	11.5	13.8	16.2	18.8
55°	0.0	1.0	2.3	3.9	5.8	7.8	10.2	12.6	15.1	17.7	20.5
52.5°	0.0	1.0	2.5	4.2	6.2	8.5	11.0	13.6	16.4	19.2	22.2
50°	0.0	1.1	2.7	4.4	6.7	9.1	11.8	14.7	17.6	20.6	23.8
47.5°	0.0	1.1	2.8	4.7	7.2	9.8	12.6	15.7	18.8	22.0	25.3
45°	0.0	1.2	3.0	5.0	7.6	10.4	13.5	16.7	19.9	23.3	26.8
42.5°	0.0	1.2	3.1	5.3	8.0	11.0	14.3	17.6	21.0	24.7	28.3
40°	0.0	1.3	3.3	5.6	8.4	11.6	15.0	18.5	22.1	26.0	29.7
37.5°	0.0	1.3	3.4	5.9	8.8	12.1	15.7	19.4	23.2	27.2	31.1
35°	0.0	1.3	3.6	6.2	9.3	12.7	16.4	20.2	24.1	28.3	32.4
32.5°	0.0	1.4	3.7	6.4	9.6	13.2	17.1	21.0	25.1	29.3	33.6
30°	0.0	1.4	3.8	6.7	10.0	13.7	17.7	21.7	25.9	30.3	34.7
27.5°	0.0	1.4	4.0	6.9	10.3	14.2	18.2	22.4	26.7	31.2	35.6
25°	0.0	1.5	4.1	7.1	10.6	14.6	18.7	23.0	27.4	32.0	36.5
22.5°	0.0	1.5	4.2	7.3	10.9	15.0	19.2	23.5	28.0	32.7	37.2
20°	0.0	1.5	4.2	7.5	11.2	15.3	19.6	24.0	28.6	33.3	37.9
17.5°	0.0	1.5	4.3	7.6	11.4	15.6	20.0	24.4	29.1	33.8	38.5
15°	0.0	1.5	4.4	7.7	11.6	15.8	20.2	24.8	29.5	34.2	39.0
12.5°	0.0	1.5	4.5	7.8	11.8	16.0	20.5	25.1	29.9	34.5	39.4
10°	0.0	1.5	4.5	7.9	11.9	16.1	20.6	25.4	30.1	34.8	39.8
7.5°	0.0	1.5	4.5	8.0	12.1	16.2	20.8	25.6	30.3	35.1	40.3
5°	0.0	1.5	4.6	8.1	12.1	16.2	20.8	25.8	30.4	35.3	40.6
2.5°	0.0	1.5	4.6	8.1	12.2	16.2	20.8	25.9	30.5	35.5	40.9
0°	0.0	1.5	4.6	8.1	12.2	16.2	20.8	25.9	30.4	35.5	41.1
-2.5°	0.0	1.5	4.6	8.1	12.2	16.2	20.8	25.9	30.5	35.5	40.9
-5°	0.0	1.5	4.6	8.1	12.1	16.2	20.8	25.8	30.4	35.3	40.6
-7.5°	0.0	1.5	4.5	8.0	12.1	16.2	20.8	25.6	30.3	35.1	40.3
-10°	0.0	1.5	4.5	7.9	11.9	16.1	20.6	25.4	30.1	34.8	39.8
-12.5°	0.0	1.5	4.5	7.8	11.8	16.0	20.5	25.1	29.9	34.5	39.4
-15°	0.0	1.5	4.4	7.7	11.6	15.8	20.2	24.8	29.5	34.2	39.0
-17.5°	0.0	1.5	4.3	7.6	11.4	15.6	20.0	24.4	29.1	33.8	38.5
-20°	0.0	1.5	4.2	7.5	11.2	15.3	19.6	24.0	28.6	33.3	37.9

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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	1.5	4.2	7.3	10.9	15.0	19.2	23.5	28.0	32.7	37.2
-25°	0.0	1.5	4.1	7.1	10.6	14.6	18.7	23.0	27.4	32.0	36.5
-27.5°	0.0	1.4	4.0	6.9	10.3	14.2	18.2	22.4	26.7	31.2	35.6
-30°	0.0	1.4	3.8	6.7	10.0	13.7	17.7	21.7	25.9	30.3	34.7
-32.5°	0.0	1.4	3.7	6.4	9.6	13.2	17.1	21.0	25.1	29.3	33.6
-35°	0.0	1.3	3.6	6.2	9.3	12.7	16.4	20.2	24.1	28.3	32.4
-37.5°	0.0	1.3	3.4	5.9	8.8	12.1	15.7	19.4	23.2	27.2	31.1
-40°	0.0	1.3	3.3	5.6	8.4	11.6	15.0	18.5	22.1	26.0	29.7
-42.5°	0.0	1.2	3.1	5.3	8.0	11.0	14.3	17.6	21.0	24.7	28.3
-45°	0.0	1.2	3.0	5.0	7.6	10.4	13.5	16.7	19.9	23.3	26.8
-47.5°	0.0	1.1	2.8	4.7	7.2	9.8	12.6	15.7	18.8	22.0	25.3
-50°	0.0	1.1	2.7	4.4	6.7	9.1	11.8	14.7	17.6	20.6	23.8
-52.5°	0.0	1.0	2.5	4.2	6.2	8.5	11.0	13.6	16.4	19.2	22.2
-55°	0.0	1.0	2.3	3.9	5.8	7.8	10.2	12.6	15.1	17.7	20.5
-57.5°	0.0	0.9	2.1	3.6	5.3	7.2	9.3	11.5	13.8	16.2	18.8
-60°	0.0	0.9	1.9	3.3	4.8	6.6	8.4	10.5	12.4	14.7	17.0
-62.5°	0.0	0.8	1.8	3.0	4.3	5.9	7.6	9.4	11.2	13.0	15.1
-65°	0.0	0.7	1.6	2.7	3.9	5.3	6.8	8.3	9.9	11.6	13.3
-67.5°	0.0	0.7	1.5	2.4	3.5	4.6	6.0	7.4	8.6	10.1	11.6
-70°	0.0	0.6	1.3	2.1	3.0	4.1	5.2	6.4	7.5	8.6	9.9
-72.5°	0.0	0.5	1.2	1.8	2.6	3.5	4.4	5.4	6.4	7.4	8.3
-75°	0.0	0.5	1.0	1.5	2.1	2.8	3.6	4.4	5.2	6.1	6.9
-77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.9	3.5	4.2	4.8	5.4
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.1	3.6	4.1
-82.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.8
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.2	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7
82.5°	3.2	3.5	3.9	4.2	4.5	4.6	4.8	5.1	5.5	5.9	6.3
80°	4.6	5.1	5.6	6.1	6.5	7.0	7.4	7.9	8.4	8.8	9.3
77.5°	6.1	6.8	7.4	8.1	8.7	9.4	10.1	10.7	11.4	12.0	12.5
75°	7.7	8.5	9.4	10.3	11.2	12.0	12.8	13.7	14.5	15.3	16.0
72.5°	9.4	10.5	11.5	12.6	13.7	14.8	15.8	16.8	17.8	18.8	19.9
70°	11.2	12.4	13.8	15.1	16.3	17.6	18.9	20.1	21.1	22.6	24.0
67.5°	13.1	14.7	16.2	17.7	19.4	20.9	22.2	23.7	25.2	26.8	28.3
65°	15.2	17.0	18.8	20.7	22.6	24.2	25.9	27.6	29.4	31.0	32.6
62.5°	17.3	19.4	21.4	23.5	25.5	27.4	29.4	31.4	33.3	35.2	36.8
60°	19.4	21.7	23.9	26.1	28.3	30.7	32.9	35.1	37.3	39.4	40.6
57.5°	21.4	23.9	26.2	28.6	31.2	33.9	36.2	38.6	40.6	42.1	43.6
55°	23.3	25.9	28.4	31.1	33.9	36.7	39.3	41.5	43.3	44.6	46.2
52.5°	25.1	27.8	30.5	33.4	36.4	39.4	42.1	44.2	45.8	47.2	48.7
50°	26.8	29.6	32.5	35.7	39.0	42.1	44.8	46.6	48.2	49.6	51.1
47.5°	28.5	31.4	34.5	38.0	41.5	44.6	47.0	48.8	50.3	52.0	53.6
45°	30.1	33.3	36.7	40.4	43.9	46.8	48.9	50.7	52.6	54.4	56.2
42.5°	31.7	35.2	38.8	42.7	46.0	48.7	50.7	52.7	54.7	56.7	58.7
40°	33.4	37.0	40.8	44.6	48.0	50.3	52.5	54.6	56.9	59.0	61.2
37.5°	34.9	38.8	42.7	46.5	49.6	51.9	54.1	56.5	58.9	61.2	64.1
35°	36.4	40.3	44.2	47.9	50.9	53.3	55.8	58.4	60.8	63.8	67.1
32.5°	37.8	41.7	45.6	49.1	52.1	54.6	57.4	60.1	63.0	66.5	70.4
30°	38.9	42.9	46.9	50.3	53.1	55.9	58.9	61.8	65.3	69.4	74.1
27.5°	39.9	44.0	47.9	51.3	54.1	56.9	60.0	63.7	67.8	72.4	77.8
25°	40.8	45.1	48.8	52.2	55.0	57.9	61.2	65.3	70.2	75.7	82.3
22.5°	41.7	46.1	49.8	53.0	55.7	58.7	62.5	67.0	72.2	78.7	86.8
20°	42.5	46.9	50.5	53.7	56.2	59.5	63.7	68.4	74.4	82.1	91.5
17.5°	43.3	47.6	51.1	54.1	56.8	60.3	64.7	69.6	76.3	85.2	95.8
15°	44.0	48.2	51.5	54.4	57.3	61.1	65.7	71.0	78.3	88.1	99.6
12.5°	44.6	48.6	51.9	54.7	57.8	61.8	66.7	72.5	80.6	91.0	104.4
10°	45.1	49.0	52.2	54.9	58.1	62.4	67.4	73.8	82.4	93.2	108.1
7.5°	45.6	49.3	52.3	55.0	58.3	62.8	68.0	74.7	83.6	94.8	110.8
5°	45.9	49.5	52.5	55.3	58.7	63.1	68.5	75.4	84.4	95.8	112.4
2.5°	46.0	49.7	52.7	55.6	59.0	63.3	68.8	76.1	85.0	96.7	113.7
0°	46.1	49.7	52.7	55.8	59.3	63.4	68.9	76.5	85.2	97.3	114.6
-2.5°	46.0	49.7	52.7	55.6	59.0	63.3	68.8	76.1	85.0	96.7	113.7
-5°	45.9	49.5	52.5	55.3	58.7	63.1	68.5	75.4	84.4	95.8	112.4
-7.5°	45.6	49.3	52.3	55.0	58.3	62.8	68.0	74.7	83.6	94.8	110.8
-10°	45.1	49.0	52.2	54.9	58.1	62.4	67.4	73.8	82.4	93.2	108.1
-12.5°	44.6	48.6	51.9	54.7	57.8	61.8	66.7	72.5	80.6	91.0	104.4
-15°	44.0	48.2	51.5	54.4	57.3	61.1	65.7	71.0	78.3	88.1	99.6
-17.5°	43.3	47.6	51.1	54.1	56.8	60.3	64.7	69.6	76.3	85.2	95.8
-20°	42.5	46.9	50.5	53.7	56.2	59.5	63.7	68.4	74.4	82.1	91.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	41.7	46.1	49.8	53.0	55.7	58.7	62.5	67.0	72.2	78.7	86.8
-25°	40.8	45.1	48.8	52.2	55.0	57.9	61.2	65.3	70.2	75.7	82.3
-27.5°	39.9	44.0	47.9	51.3	54.1	56.9	60.0	63.7	67.8	72.4	77.8
-30°	38.9	42.9	46.9	50.3	53.1	55.9	58.9	61.8	65.3	69.4	74.1
-32.5°	37.8	41.7	45.6	49.1	52.1	54.6	57.4	60.1	63.0	66.5	70.4
-35°	36.4	40.3	44.2	47.9	50.9	53.3	55.8	58.4	60.8	63.8	67.1
-37.5°	34.9	38.8	42.7	46.5	49.6	51.9	54.1	56.5	58.9	61.2	64.1
-40°	33.4	37.0	40.8	44.6	48.0	50.3	52.5	54.6	56.9	59.0	61.2
-42.5°	31.7	35.2	38.8	42.7	46.0	48.7	50.7	52.7	54.7	56.7	58.7
-45°	30.1	33.3	36.7	40.4	43.9	46.8	48.9	50.7	52.6	54.4	56.2
-47.5°	28.5	31.4	34.5	38.0	41.5	44.6	47.0	48.8	50.3	52.0	53.6
-50°	26.8	29.6	32.5	35.7	39.0	42.1	44.8	46.6	48.2	49.6	51.1
-52.5°	25.1	27.8	30.5	33.4	36.4	39.4	42.1	44.2	45.8	47.2	48.7
-55°	23.3	25.9	28.4	31.1	33.9	36.7	39.3	41.5	43.3	44.6	46.2
-57.5°	21.4	23.9	26.2	28.6	31.2	33.9	36.2	38.6	40.6	42.1	43.6
-60°	19.4	21.7	23.9	26.1	28.3	30.7	32.9	35.1	37.3	39.4	40.6
-62.5°	17.3	19.4	21.4	23.5	25.5	27.4	29.4	31.4	33.3	35.2	36.8
-65°	15.2	17.0	18.8	20.7	22.6	24.2	25.9	27.6	29.4	31.0	32.6
-67.5°	13.1	14.7	16.2	17.7	19.4	20.9	22.2	23.7	25.2	26.8	28.3
-70°	11.2	12.4	13.8	15.1	16.3	17.6	18.9	20.1	21.1	22.6	24.0
-72.5°	9.4	10.5	11.5	12.6	13.7	14.8	15.8	16.8	17.8	18.8	19.9
-75°	7.7	8.5	9.4	10.3	11.2	12.0	12.8	13.7	14.5	15.3	16.0
-77.5°	6.1	6.8	7.4	8.1	8.7	9.4	10.1	10.7	11.4	12.0	12.5
-80°	4.6	5.1	5.6	6.1	6.5	7.0	7.4	7.9	8.4	8.8	9.3
-82.5°	3.2	3.5	3.9	4.2	4.5	4.6	4.8	5.1	5.5	5.9	6.3
-85°	1.8	2.0	2.2	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-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: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.7
85°	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.8
82.5°	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.1	8.2	8.2	8.2
80°	9.7	10.1	10.6	11.0	11.5	11.7	11.9	12.0	12.1	12.2	12.2
77.5°	13.1	13.7	14.4	15.1	15.8	16.2	16.4	16.7	16.9	16.9	16.9
75°	16.7	17.6	18.6	19.4	20.1	20.6	20.9	21.1	21.4	21.4	21.4
72.5°	21.1	22.1	23.0	23.7	24.3	24.8	25.2	25.5	25.8	25.9	25.9
70°	25.3	26.4	27.2	27.9	28.5	29.0	29.5	29.8	30.2	30.4	30.6
67.5°	29.6	30.8	31.7	32.3	32.8	33.3	33.9	34.5	34.9	35.2	35.4
65°	34.0	35.3	36.1	36.8	37.4	38.1	38.7	39.3	39.6	39.8	39.9
62.5°	38.2	39.4	40.4	41.4	42.3	43.1	43.5	43.9	44.3	44.6	44.8
60°	41.9	43.4	44.5	45.4	46.3	47.1	47.7	48.2	48.6	48.9	49.0
57.5°	45.0	46.5	47.9	48.8	49.7	50.8	51.4	51.8	52.2	52.5	52.6
55°	47.8	49.2	50.4	51.6	52.7	53.6	54.3	54.8	55.3	55.6	55.8
52.5°	50.3	51.8	53.2	54.5	55.5	56.4	57.1	57.8	58.3	58.6	58.8
50°	52.8	54.4	56.0	57.4	58.5	59.5	60.3	61.1	61.8	62.4	62.9
47.5°	55.4	57.1	58.8	60.3	61.6	63.1	64.4	65.5	66.5	67.4	68.0
45°	57.9	59.9	61.8	63.8	65.6	67.4	69.2	70.7	72.2	73.4	74.1
42.5°	60.8	63.0	65.3	67.8	70.2	72.6	75.3	77.6	79.4	81.1	82.5
40°	63.8	66.5	69.4	72.4	76.0	79.2	82.7	85.7	88.5	91.4	93.7
37.5°	67.1	70.4	74.2	78.3	82.8	87.2	91.9	96.4	100.4	105.0	108.6
35°	70.7	75.1	79.8	85.3	91.0	97.3	103.6	110.9	117.2	124.1	130.1
32.5°	75.0	80.2	86.4	93.6	100.9	110.5	119.4	131.0	141.1	152.1	163.1
30°	79.3	86.1	94.2	103.2	114.9	128.0	142.7	160.0	177.8	195.1	215.9
27.5°	84.8	93.0	102.7	115.9	133.1	150.9	176.1	202.0	234.9	262.0	300.2
25°	90.4	100.1	113.9	131.9	154.3	185.2	223.4	264.9	322.6	373.2	432.6
22.5°	96.5	109.6	126.7	149.0	183.0	230.4	288.3	366.4	451.5	541.7	631.5
20°	102.9	118.7	141.2	173.5	220.1	284.2	383.7	504.3	625.8	774.8	906.7
17.5°	110.3	130.4	158.2	198.5	260.7	359.0	497.0	665.4	853.9	1068.0	1258.2
15°	116.5	140.4	175.5	232.0	317.5	443.7	617.8	849.4	1132.6	1420.2	1712.1
12.5°	123.6	151.3	192.6	259.9	367.3	535.0	772.0	1065.1	1418.8	1817.8	2288.2
10°	130.0	162.1	213.3	296.6	427.9	630.3	917.9	1270.4	1726.9	2301.0	3029.5
7.5°	134.7	170.6	229.2	324.5	480.3	721.9	1055.6	1495.3	2075.4	2833.5	3833.2
5°	137.7	176.8	240.6	346.1	521.3	790.0	1156.6	1654.8	2354.6	3426.8	5119.8
2.5°	139.6	180.5	247.1	358.7	546.2	835.2	1233.4	1775.4	2535.6	3793.5	5947.3
0°	140.4	181.5	250.9	365.5	554.5	852.6	1268.7	1830.4	2616.5	3879.2	6092.8
-2.5°	139.6	180.5	247.1	358.7	546.2	835.2	1233.4	1775.4	2535.6	3793.5	5947.3
-5°	137.7	176.8	240.6	346.1	521.3	790.0	1156.6	1654.8	2354.6	3426.8	5119.8
-7.5°	134.7	170.6	229.2	324.5	480.3	721.9	1055.6	1495.3	2075.4	2833.5	3833.2
-10°	130.0	162.1	213.3	296.6	427.9	630.3	917.9	1270.4	1726.9	2301.0	3029.5
-12.5°	123.6	151.3	192.6	259.9	367.3	535.0	772.0	1065.1	1418.8	1817.8	2288.2
-15°	116.5	140.4	175.5	232.0	317.5	443.7	617.8	849.4	1132.6	1420.2	1712.1
-17.5°	110.3	130.4	158.2	198.5	260.7	359.0	497.0	665.4	853.9	1068.0	1258.2
-20°	102.9	118.7	141.2	173.5	220.1	284.2	383.7	504.3	625.8	774.8	906.7

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	96.5	109.6	126.7	149.0	183.0	230.4	288.3	366.4	451.5	541.7	631.5
-25°	90.4	100.1	113.9	131.9	154.3	185.2	223.4	264.9	322.6	373.2	432.6
-27.5°	84.8	93.0	102.7	115.9	133.1	150.9	176.1	202.0	234.9	262.0	300.2
-30°	79.3	86.1	94.2	103.2	114.9	128.0	142.7	160.0	177.8	195.1	215.9
-32.5°	75.0	80.2	86.4	93.6	100.9	110.5	119.4	131.0	141.1	152.1	163.1
-35°	70.7	75.1	79.8	85.3	91.0	97.3	103.6	110.9	117.2	124.1	130.1
-37.5°	67.1	70.4	74.2	78.3	82.8	87.2	91.9	96.4	100.4	105.0	108.6
-40°	63.8	66.5	69.4	72.4	76.0	79.2	82.7	85.7	88.5	91.4	93.7
-42.5°	60.8	63.0	65.3	67.8	70.2	72.6	75.3	77.6	79.4	81.1	82.5
-45°	57.9	59.9	61.8	63.8	65.6	67.4	69.2	70.7	72.2	73.4	74.1
-47.5°	55.4	57.1	58.8	60.3	61.6	63.1	64.4	65.5	66.5	67.4	68.0
-50°	52.8	54.4	56.0	57.4	58.5	59.5	60.3	61.1	61.8	62.4	62.9
-52.5°	50.3	51.8	53.2	54.5	55.5	56.4	57.1	57.8	58.3	58.6	58.8
-55°	47.8	49.2	50.4	51.6	52.7	53.6	54.3	54.8	55.3	55.6	55.8
-57.5°	45.0	46.5	47.9	48.8	49.7	50.8	51.4	51.8	52.2	52.5	52.6
-60°	41.9	43.4	44.5	45.4	46.3	47.1	47.7	48.2	48.6	48.9	49.0
-62.5°	38.2	39.4	40.4	41.4	42.3	43.1	43.5	43.9	44.3	44.6	44.8
-65°	34.0	35.3	36.1	36.8	37.4	38.1	38.7	39.3	39.6	39.8	39.9
-67.5°	29.6	30.8	31.7	32.3	32.8	33.3	33.9	34.5	34.9	35.2	35.4
-70°	25.3	26.4	27.2	27.9	28.5	29.0	29.5	29.8	30.2	30.4	30.6
-72.5°	21.1	22.1	23.0	23.7	24.3	24.8	25.2	25.5	25.8	25.9	25.9
-75°	16.7	17.6	18.6	19.4	20.1	20.6	20.9	21.1	21.4	21.4	21.4
-77.5°	13.1	13.7	14.4	15.1	15.8	16.2	16.4	16.7	16.9	16.9	16.9
-80°	9.7	10.1	10.6	11.0	11.5	11.7	11.9	12.0	12.1	12.2	12.2
-82.5°	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.1	8.2	8.2	8.2
-85°	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.8
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	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: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	1.9
85°	4.7	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.8	4.9	4.8
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.1
80°	12.2	12.1	11.9	11.7	11.9	12.1	12.2	12.2	12.2	12.1	12.0
77.5°	16.8	16.6	16.4	16.2	16.4	16.6	16.8	16.9	16.9	16.9	16.7
75°	21.3	21.2	21.3	21.3	21.3	21.2	21.3	21.4	21.4	21.4	21.1
72.5°	25.9	25.8	25.9	25.9	25.9	25.8	25.9	25.9	25.9	25.8	25.5
70°	30.7	30.8	30.6	30.4	30.6	30.8	30.7	30.6	30.4	30.2	29.8
67.5°	35.4	35.4	35.2	35.0	35.2	35.4	35.4	35.4	35.2	34.9	34.5
65°	39.9	39.9	40.0	40.0	40.0	39.9	39.9	39.9	39.8	39.6	39.3
62.5°	44.9	44.9	44.8	44.6	44.8	44.9	44.9	44.8	44.6	44.3	43.9
60°	49.1	49.1	48.9	48.7	48.9	49.1	49.1	49.0	48.9	48.6	48.2
57.5°	52.7	52.6	52.4	52.2	52.4	52.6	52.7	52.6	52.5	52.2	51.8
55°	55.8	55.7	55.6	55.3	55.6	55.7	55.8	55.8	55.6	55.3	54.8
52.5°	58.8	58.7	58.7	58.8	58.7	58.7	58.8	58.8	58.6	58.3	57.8
50°	63.1	63.2	63.1	62.9	63.1	63.2	63.1	62.9	62.4	61.8	61.1
47.5°	68.3	68.3	68.1	67.9	68.1	68.3	68.3	68.0	67.4	66.5	65.5
45°	74.7	75.1	75.2	75.0	75.2	75.1	74.7	74.1	73.4	72.2	70.7
42.5°	83.5	84.1	84.3	84.1	84.3	84.1	83.5	82.5	81.1	79.4	77.6
40°	95.1	95.7	95.9	95.8	95.9	95.7	95.1	93.7	91.4	88.5	85.7
37.5°	111.1	112.7	113.4	113.5	113.4	112.7	111.1	108.6	105.0	100.4	96.4
35°	134.7	137.9	139.6	140.4	139.6	137.9	134.7	130.1	124.1	117.2	110.9
32.5°	171.5	177.9	181.4	181.0	181.4	177.9	171.5	163.1	152.1	141.1	131.0
30°	231.6	242.7	248.3	246.9	248.3	242.7	231.6	215.9	195.1	177.8	160.0
27.5°	327.6	347.7	359.4	357.9	359.4	347.7	327.6	300.2	262.0	234.9	202.0
25°	482.3	519.1	542.6	536.8	542.6	519.1	482.3	432.6	373.2	322.6	264.9
22.5°	717.6	779.9	821.1	816.1	821.1	779.9	717.6	631.5	541.7	451.5	366.4
20°	1040.5	1135.3	1203.0	1212.0	1203.0	1135.3	1040.5	906.7	774.8	625.8	504.3
17.5°	1463.6	1614.0	1718.6	1736.1	1718.6	1614.0	1463.6	1258.2	1068.0	853.9	665.4
15°	2013.6	2259.3	2437.1	2451.8	2437.1	2259.3	2013.6	1712.1	1420.2	1132.6	849.4
12.5°	2760.4	3254.6	3577.0	3719.0	3577.0	3254.6	2760.4	2288.2	1817.8	1418.8	1065.1
10°	3794.0	4928.9	5655.8	5929.0	5655.8	4928.9	3794.0	3029.5	2301.0	1726.9	1270.4
7.5°	5520.2	7302.1	9283.2	10127.6	9283.2	7302.1	5520.2	3833.2	2833.5	2075.4	1495.3
5°	7475.1	11173.4	14691.0	16064.7	14691.0	11173.4	7475.1	5119.8	3426.8	2354.6	1654.8
2.5°	9532.0	14686.9	19517.4	21406.5	19517.4	14686.9	9532.0	5947.3	3793.5	2535.6	1775.4
0°	10335.4	16225.4	21540.1	23658.3	21540.1	16225.4	10335.4	6092.8	3879.2	2616.5	1830.4
-2.5°	9532.0	14686.9	19517.4	21406.5	19517.4	14686.9	9532.0	5947.3	3793.5	2535.6	1775.4
-5°	7475.1	11173.4	14691.0	16064.7	14691.0	11173.4	7475.1	5119.8	3426.8	2354.6	1654.8
-7.5°	5520.2	7302.1	9283.2	10127.6	9283.2	7302.1	5520.2	3833.2	2833.5	2075.4	1495.3
-10°	3794.0	4928.9	5655.8	5929.0	5655.8	4928.9	3794.0	3029.5	2301.0	1726.9	1270.4
-12.5°	2760.4	3254.6	3577.0	3719.0	3577.0	3254.6	2760.4	2288.2	1817.8	1418.8	1065.1
-15°	2013.6	2259.3	2437.1	2451.8	2437.1	2259.3	2013.6	1712.1	1420.2	1132.6	849.4
-17.5°	1463.6	1614.0	1718.6	1736.1	1718.6	1614.0	1463.6	1258.2	1068.0	853.9	665.4
-20°	1040.5	1135.3	1203.0	1212.0	1203.0	1135.3	1040.5	906.7	774.8	625.8	504.3



REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	717.6	779.9	821.1	816.1	821.1	779.9	717.6	631.5	541.7	451.5	366.4
-25°	482.3	519.1	542.6	536.8	542.6	519.1	482.3	432.6	373.2	322.6	264.9
-27.5°	327.6	347.7	359.4	357.9	359.4	347.7	327.6	300.2	262.0	234.9	202.0
-30°	231.6	242.7	248.3	246.9	248.3	242.7	231.6	215.9	195.1	177.8	160.0
-32.5°	171.5	177.9	181.4	181.0	181.4	177.9	171.5	163.1	152.1	141.1	131.0
-35°	134.7	137.9	139.6	140.4	139.6	137.9	134.7	130.1	124.1	117.2	110.9
-37.5°	111.1	112.7	113.4	113.5	113.4	112.7	111.1	108.6	105.0	100.4	96.4
-40°	95.1	95.7	95.9	95.8	95.9	95.7	95.1	93.7	91.4	88.5	85.7
-42.5°	83.5	84.1	84.3	84.1	84.3	84.1	83.5	82.5	81.1	79.4	77.6
-45°	74.7	75.1	75.2	75.0	75.2	75.1	74.7	74.1	73.4	72.2	70.7
-47.5°	68.3	68.3	68.1	67.9	68.1	68.3	68.3	68.0	67.4	66.5	65.5
-50°	63.1	63.2	63.1	62.9	63.1	63.2	63.1	62.9	62.4	61.8	61.1
-52.5°	58.8	58.7	58.7	58.8	58.7	58.7	58.8	58.8	58.6	58.3	57.8
-55°	55.8	55.7	55.6	55.3	55.6	55.7	55.8	55.8	55.6	55.3	54.8
-57.5°	52.7	52.6	52.4	52.2	52.4	52.6	52.7	52.6	52.5	52.2	51.8
-60°	49.1	49.1	48.9	48.7	48.9	49.1	49.1	49.0	48.9	48.6	48.2
-62.5°	44.9	44.9	44.8	44.6	44.8	44.9	44.9	44.8	44.6	44.3	43.9
-65°	39.9	39.9	40.0	40.0	40.0	39.9	39.9	39.9	39.8	39.6	39.3
-67.5°	35.4	35.4	35.2	35.0	35.2	35.4	35.4	35.4	35.2	34.9	34.5
-70°	30.7	30.8	30.6	30.4	30.6	30.8	30.7	30.6	30.4	30.2	29.8
-72.5°	25.9	25.8	25.9	25.9	25.9	25.8	25.9	25.9	25.9	25.8	25.5
-75°	21.3	21.2	21.3	21.3	21.3	21.2	21.3	21.4	21.4	21.4	21.1
-77.5°	16.8	16.6	16.4	16.2	16.4	16.6	16.8	16.9	16.9	16.9	16.7
-80°	12.2	12.1	11.9	11.7	11.9	12.1	12.2	12.2	12.2	12.1	12.0
-82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.1
-85°	4.7	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.8	4.9	4.8
-87.5°	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	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: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.7	3.5	3.3	3.1
82.5°	8.0	7.8	7.6	7.4	7.2	6.9	6.7	6.3	5.9	5.5	5.1
80°	11.9	11.7	11.5	11.0	10.6	10.1	9.7	9.3	8.8	8.4	7.9
77.5°	16.4	16.2	15.8	15.1	14.4	13.7	13.1	12.5	12.0	11.4	10.7
75°	20.9	20.6	20.1	19.4	18.6	17.6	16.7	16.0	15.3	14.5	13.7
72.5°	25.2	24.8	24.3	23.7	23.0	22.1	21.1	19.9	18.8	17.8	16.8
70°	29.5	29.0	28.5	27.9	27.2	26.4	25.3	24.0	22.6	21.1	20.1
67.5°	33.9	33.3	32.8	32.3	31.7	30.8	29.6	28.3	26.8	25.2	23.7
65°	38.7	38.1	37.4	36.8	36.1	35.3	34.0	32.6	31.0	29.4	27.6
62.5°	43.5	43.1	42.3	41.4	40.4	39.4	38.2	36.8	35.2	33.3	31.4
60°	47.7	47.1	46.3	45.4	44.5	43.4	41.9	40.6	39.4	37.3	35.1
57.5°	51.4	50.8	49.7	48.8	47.9	46.5	45.0	43.6	42.1	40.6	38.6
55°	54.3	53.6	52.7	51.6	50.4	49.2	47.8	46.2	44.6	43.3	41.5
52.5°	57.1	56.4	55.5	54.5	53.2	51.8	50.3	48.7	47.2	45.8	44.2
50°	60.3	59.5	58.5	57.4	56.0	54.4	52.8	51.1	49.6	48.2	46.6
47.5°	64.4	63.1	61.6	60.3	58.8	57.1	55.4	53.6	52.0	50.3	48.8
45°	69.2	67.4	65.6	63.8	61.8	59.9	57.9	56.2	54.4	52.6	50.7
42.5°	75.3	72.6	70.2	67.8	65.3	63.0	60.8	58.7	56.7	54.7	52.7
40°	82.7	79.2	76.0	72.4	69.4	66.5	63.8	61.2	59.0	56.9	54.6
37.5°	91.9	87.2	82.8	78.3	74.2	70.4	67.1	64.1	61.2	58.9	56.5
35°	103.6	97.3	91.0	85.3	79.8	75.1	70.7	67.1	63.8	60.8	58.4
32.5°	119.4	110.5	100.9	93.6	86.4	80.2	75.0	70.4	66.5	63.0	60.1
30°	142.7	128.0	114.9	103.2	94.2	86.1	79.3	74.1	69.4	65.3	61.8
27.5°	176.1	150.9	133.1	115.9	102.7	93.0	84.8	77.8	72.4	67.8	63.7
25°	223.4	185.2	154.3	131.9	113.9	100.1	90.4	82.3	75.7	70.2	65.3
22.5°	288.3	230.4	183.0	149.0	126.7	109.6	96.5	86.8	78.7	72.2	67.0
20°	383.7	284.2	220.1	173.5	141.2	118.7	102.9	91.5	82.1	74.4	68.4
17.5°	497.0	359.0	260.7	198.5	158.2	130.4	110.3	95.8	85.2	76.3	69.6
15°	617.8	443.7	317.5	232.0	175.5	140.4	116.5	99.6	88.1	78.3	71.0
12.5°	772.0	535.0	367.3	259.9	192.6	151.3	123.6	104.4	91.0	80.6	72.5
10°	917.9	630.3	427.9	296.6	213.3	162.1	130.0	108.1	93.2	82.4	73.8
7.5°	1055.6	721.9	480.3	324.5	229.2	170.6	134.7	110.8	94.8	83.6	74.7
5°	1156.6	790.0	521.3	346.1	240.6	176.8	137.7	112.4	95.8	84.4	75.4
2.5°	1233.4	835.2	546.2	358.7	247.1	180.5	139.6	113.7	96.7	85.0	76.1
0°	1268.7	852.6	554.5	365.5	250.9	181.5	140.4	114.6	97.3	85.2	76.5
-2.5°	1233.4	835.2	546.2	358.7	247.1	180.5	139.6	113.7	96.7	85.0	76.1
-5°	1156.6	790.0	521.3	346.1	240.6	176.8	137.7	112.4	95.8	84.4	75.4
-7.5°	1055.6	721.9	480.3	324.5	229.2	170.6	134.7	110.8	94.8	83.6	74.7
-10°	917.9	630.3	427.9	296.6	213.3	162.1	130.0	108.1	93.2	82.4	73.8
-12.5°	772.0	535.0	367.3	259.9	192.6	151.3	123.6	104.4	91.0	80.6	72.5
-15°	617.8	443.7	317.5	232.0	175.5	140.4	116.5	99.6	88.1	78.3	71.0
-17.5°	497.0	359.0	260.7	198.5	158.2	130.4	110.3	95.8	85.2	76.3	69.6
-20°	383.7	284.2	220.1	173.5	141.2	118.7	102.9	91.5	82.1	74.4	68.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	288.3	230.4	183.0	149.0	126.7	109.6	96.5	86.8	78.7	72.2	67.0
-25°	223.4	185.2	154.3	131.9	113.9	100.1	90.4	82.3	75.7	70.2	65.3
-27.5°	176.1	150.9	133.1	115.9	102.7	93.0	84.8	77.8	72.4	67.8	63.7
-30°	142.7	128.0	114.9	103.2	94.2	86.1	79.3	74.1	69.4	65.3	61.8
-32.5°	119.4	110.5	100.9	93.6	86.4	80.2	75.0	70.4	66.5	63.0	60.1
-35°	103.6	97.3	91.0	85.3	79.8	75.1	70.7	67.1	63.8	60.8	58.4
-37.5°	91.9	87.2	82.8	78.3	74.2	70.4	67.1	64.1	61.2	58.9	56.5
-40°	82.7	79.2	76.0	72.4	69.4	66.5	63.8	61.2	59.0	56.9	54.6
-42.5°	75.3	72.6	70.2	67.8	65.3	63.0	60.8	58.7	56.7	54.7	52.7
-45°	69.2	67.4	65.6	63.8	61.8	59.9	57.9	56.2	54.4	52.6	50.7
-47.5°	64.4	63.1	61.6	60.3	58.8	57.1	55.4	53.6	52.0	50.3	48.8
-50°	60.3	59.5	58.5	57.4	56.0	54.4	52.8	51.1	49.6	48.2	46.6
-52.5°	57.1	56.4	55.5	54.5	53.2	51.8	50.3	48.7	47.2	45.8	44.2
-55°	54.3	53.6	52.7	51.6	50.4	49.2	47.8	46.2	44.6	43.3	41.5
-57.5°	51.4	50.8	49.7	48.8	47.9	46.5	45.0	43.6	42.1	40.6	38.6
-60°	47.7	47.1	46.3	45.4	44.5	43.4	41.9	40.6	39.4	37.3	35.1
-62.5°	43.5	43.1	42.3	41.4	40.4	39.4	38.2	36.8	35.2	33.3	31.4
-65°	38.7	38.1	37.4	36.8	36.1	35.3	34.0	32.6	31.0	29.4	27.6
-67.5°	33.9	33.3	32.8	32.3	31.7	30.8	29.6	28.3	26.8	25.2	23.7
-70°	29.5	29.0	28.5	27.9	27.2	26.4	25.3	24.0	22.6	21.1	20.1
-72.5°	25.2	24.8	24.3	23.7	23.0	22.1	21.1	19.9	18.8	17.8	16.8
-75°	20.9	20.6	20.1	19.4	18.6	17.6	16.7	16.0	15.3	14.5	13.7
-77.5°	16.4	16.2	15.8	15.1	14.4	13.7	13.1	12.5	12.0	11.4	10.7
-80°	11.9	11.7	11.5	11.0	10.6	10.1	9.7	9.3	8.8	8.4	7.9
-82.5°	8.0	7.8	7.6	7.4	7.2	6.9	6.7	6.3	5.9	5.5	5.1
-85°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.7	3.5	3.3	3.1
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-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: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	3.0	2.8	2.6	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	4.8	4.6	4.5	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8
80°	7.4	7.0	6.5	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6
77.5°	10.1	9.4	8.7	8.1	7.4	6.8	6.1	5.4	4.8	4.2	3.5
75°	12.8	12.0	11.2	10.3	9.4	8.5	7.7	6.9	6.1	5.2	4.4
72.5°	15.8	14.8	13.7	12.6	11.5	10.5	9.4	8.3	7.4	6.4	5.4
70°	18.9	17.6	16.3	15.1	13.8	12.4	11.2	9.9	8.6	7.5	6.4
67.5°	22.2	20.9	19.4	17.7	16.2	14.7	13.1	11.6	10.1	8.6	7.4
65°	25.9	24.2	22.6	20.7	18.8	17.0	15.2	13.3	11.6	9.9	8.3
62.5°	29.4	27.4	25.5	23.5	21.4	19.4	17.3	15.1	13.0	11.2	9.4
60°	32.9	30.7	28.3	26.1	23.9	21.7	19.4	17.0	14.7	12.4	10.5
57.5°	36.2	33.9	31.2	28.6	26.2	23.9	21.4	18.8	16.2	13.8	11.5
55°	39.3	36.7	33.9	31.1	28.4	25.9	23.3	20.5	17.7	15.1	12.6
52.5°	42.1	39.4	36.4	33.4	30.5	27.8	25.1	22.2	19.2	16.4	13.6
50°	44.8	42.1	39.0	35.7	32.5	29.6	26.8	23.8	20.6	17.6	14.7
47.5°	47.0	44.6	41.5	38.0	34.5	31.4	28.5	25.3	22.0	18.8	15.7
45°	48.9	46.8	43.9	40.4	36.7	33.3	30.1	26.8	23.3	19.9	16.7
42.5°	50.7	48.7	46.0	42.7	38.8	35.2	31.7	28.3	24.7	21.0	17.6
40°	52.5	50.3	48.0	44.6	40.8	37.0	33.4	29.7	26.0	22.1	18.5
37.5°	54.1	51.9	49.6	46.5	42.7	38.8	34.9	31.1	27.2	23.2	19.4
35°	55.8	53.3	50.9	47.9	44.2	40.3	36.4	32.4	28.3	24.1	20.2
32.5°	57.4	54.6	52.1	49.1	45.6	41.7	37.8	33.6	29.3	25.1	21.0
30°	58.9	55.9	53.1	50.3	46.9	42.9	38.9	34.7	30.3	25.9	21.7
27.5°	60.0	56.9	54.1	51.3	47.9	44.0	39.9	35.6	31.2	26.7	22.4
25°	61.2	57.9	55.0	52.2	48.8	45.1	40.8	36.5	32.0	27.4	23.0
22.5°	62.5	58.7	55.7	53.0	49.8	46.1	41.7	37.2	32.7	28.0	23.5
20°	63.7	59.5	56.2	53.7	50.5	46.9	42.5	37.9	33.3	28.6	24.0
17.5°	64.7	60.3	56.8	54.1	51.1	47.6	43.3	38.5	33.8	29.1	24.4
15°	65.7	61.1	57.3	54.4	51.5	48.2	44.0	39.0	34.2	29.5	24.8
12.5°	66.7	61.8	57.8	54.7	51.9	48.6	44.6	39.4	34.5	29.9	25.1
10°	67.4	62.4	58.1	54.9	52.2	49.0	45.1	39.8	34.8	30.1	25.4
7.5°	68.0	62.8	58.3	55.0	52.3	49.3	45.6	40.3	35.1	30.3	25.6
5°	68.5	63.1	58.7	55.3	52.5	49.5	45.9	40.6	35.3	30.4	25.8
2.5°	68.8	63.3	59.0	55.6	52.7	49.7	46.0	40.9	35.5	30.5	25.9
0°	68.9	63.4	59.3	55.8	52.7	49.7	46.1	41.1	35.5	30.4	25.9
-2.5°	68.8	63.3	59.0	55.6	52.7	49.7	46.0	40.9	35.5	30.5	25.9
-5°	68.5	63.1	58.7	55.3	52.5	49.5	45.9	40.6	35.3	30.4	25.8
-7.5°	68.0	62.8	58.3	55.0	52.3	49.3	45.6	40.3	35.1	30.3	25.6
-10°	67.4	62.4	58.1	54.9	52.2	49.0	45.1	39.8	34.8	30.1	25.4
-12.5°	66.7	61.8	57.8	54.7	51.9	48.6	44.6	39.4	34.5	29.9	25.1
-15°	65.7	61.1	57.3	54.4	51.5	48.2	44.0	39.0	34.2	29.5	24.8
-17.5°	64.7	60.3	56.8	54.1	51.1	47.6	43.3	38.5	33.8	29.1	24.4
-20°	63.7	59.5	56.2	53.7	50.5	46.9	42.5	37.9	33.3	28.6	24.0

Classified

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



REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	62.5	58.7	55.7	53.0	49.8	46.1	41.7	37.2	32.7	28.0	23.5
-25°	61.2	57.9	55.0	52.2	48.8	45.1	40.8	36.5	32.0	27.4	23.0
-27.5°	60.0	56.9	54.1	51.3	47.9	44.0	39.9	35.6	31.2	26.7	22.4
-30°	58.9	55.9	53.1	50.3	46.9	42.9	38.9	34.7	30.3	25.9	21.7
-32.5°	57.4	54.6	52.1	49.1	45.6	41.7	37.8	33.6	29.3	25.1	21.0
-35°	55.8	53.3	50.9	47.9	44.2	40.3	36.4	32.4	28.3	24.1	20.2
-37.5°	54.1	51.9	49.6	46.5	42.7	38.8	34.9	31.1	27.2	23.2	19.4
-40°	52.5	50.3	48.0	44.6	40.8	37.0	33.4	29.7	26.0	22.1	18.5
-42.5°	50.7	48.7	46.0	42.7	38.8	35.2	31.7	28.3	24.7	21.0	17.6
-45°	48.9	46.8	43.9	40.4	36.7	33.3	30.1	26.8	23.3	19.9	16.7
-47.5°	47.0	44.6	41.5	38.0	34.5	31.4	28.5	25.3	22.0	18.8	15.7
-50°	44.8	42.1	39.0	35.7	32.5	29.6	26.8	23.8	20.6	17.6	14.7
-52.5°	42.1	39.4	36.4	33.4	30.5	27.8	25.1	22.2	19.2	16.4	13.6
-55°	39.3	36.7	33.9	31.1	28.4	25.9	23.3	20.5	17.7	15.1	12.6
-57.5°	36.2	33.9	31.2	28.6	26.2	23.9	21.4	18.8	16.2	13.8	11.5
-60°	32.9	30.7	28.3	26.1	23.9	21.7	19.4	17.0	14.7	12.4	10.5
-62.5°	29.4	27.4	25.5	23.5	21.4	19.4	17.3	15.1	13.0	11.2	9.4
-65°	25.9	24.2	22.6	20.7	18.8	17.0	15.2	13.3	11.6	9.9	8.3
-67.5°	22.2	20.9	19.4	17.7	16.2	14.7	13.1	11.6	10.1	8.6	7.4
-70°	18.9	17.6	16.3	15.1	13.8	12.4	11.2	9.9	8.6	7.5	6.4
-72.5°	15.8	14.8	13.7	12.6	11.5	10.5	9.4	8.3	7.4	6.4	5.4
-75°	12.8	12.0	11.2	10.3	9.4	8.5	7.7	6.9	6.1	5.2	4.4
-77.5°	10.1	9.4	8.7	8.1	7.4	6.8	6.1	5.4	4.8	4.2	3.5
-80°	7.4	7.0	6.5	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6
-82.5°	4.8	4.6	4.5	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8
-85°	3.0	2.8	2.6	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.2
-87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626539 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.9	2.2	1.7	1.3	0.9	0.4	0.0
75°	3.6	2.8	2.1	1.5	1.0	0.5	0.0
72.5°	4.4	3.5	2.6	1.8	1.2	0.5	0.0
70°	5.2	4.1	3.0	2.1	1.3	0.6	0.0
67.5°	6.0	4.6	3.5	2.4	1.5	0.7	0.0
65°	6.8	5.3	3.9	2.7	1.6	0.7	0.0
62.5°	7.6	5.9	4.3	3.0	1.8	0.8	0.0
60°	8.4	6.6	4.8	3.3	1.9	0.9	0.0
57.5°	9.3	7.2	5.3	3.6	2.1	0.9	0.0
55°	10.2	7.8	5.8	3.9	2.3	1.0	0.0
52.5°	11.0	8.5	6.2	4.2	2.5	1.0	0.0
50°	11.8	9.1	6.7	4.4	2.7	1.1	0.0
47.5°	12.6	9.8	7.2	4.7	2.8	1.1	0.0
45°	13.5	10.4	7.6	5.0	3.0	1.2	0.0
42.5°	14.3	11.0	8.0	5.3	3.1	1.2	0.0
40°	15.0	11.6	8.4	5.6	3.3	1.3	0.0
37.5°	15.7	12.1	8.8	5.9	3.4	1.3	0.0
35°	16.4	12.7	9.3	6.2	3.6	1.3	0.0
32.5°	17.1	13.2	9.6	6.4	3.7	1.4	0.0
30°	17.7	13.7	10.0	6.7	3.8	1.4	0.0
27.5°	18.2	14.2	10.3	6.9	4.0	1.4	0.0
25°	18.7	14.6	10.6	7.1	4.1	1.5	0.0
22.5°	19.2	15.0	10.9	7.3	4.2	1.5	0.0
20°	19.6	15.3	11.2	7.5	4.2	1.5	0.0
17.5°	20.0	15.6	11.4	7.6	4.3	1.5	0.0
15°	20.2	15.8	11.6	7.7	4.4	1.5	0.0
12.5°	20.5	16.0	11.8	7.8	4.5	1.5	0.0
10°	20.6	16.1	11.9	7.9	4.5	1.5	0.0
7.5°	20.8	16.2	12.1	8.0	4.5	1.5	0.0
5°	20.8	16.2	12.1	8.1	4.6	1.5	0.0
2.5°	20.8	16.2	12.2	8.1	4.6	1.5	0.0
0°	20.8	16.2	12.2	8.1	4.6	1.5	0.0
-2.5°	20.8	16.2	12.2	8.1	4.6	1.5	0.0
-5°	20.8	16.2	12.1	8.1	4.6	1.5	0.0
-7.5°	20.8	16.2	12.1	8.0	4.5	1.5	0.0
-10°	20.6	16.1	11.9	7.9	4.5	1.5	0.0
-12.5°	20.5	16.0	11.8	7.8	4.5	1.5	0.0
-15°	20.2	15.8	11.6	7.7	4.4	1.5	0.0
-17.5°	20.0	15.6	11.4	7.6	4.3	1.5	0.0
-20°	19.6	15.3	11.2	7.5	4.2	1.5	0.0

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CATALOG NUMBER: GFLD-SA1A-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.2	15.0	10.9	7.3	4.2	1.5	0.0
-25°	18.7	14.6	10.6	7.1	4.1	1.5	0.0
-27.5°	18.2	14.2	10.3	6.9	4.0	1.4	0.0
-30°	17.7	13.7	10.0	6.7	3.8	1.4	0.0
-32.5°	17.1	13.2	9.6	6.4	3.7	1.4	0.0
-35°	16.4	12.7	9.3	6.2	3.6	1.3	0.0
-37.5°	15.7	12.1	8.8	5.9	3.4	1.3	0.0
-40°	15.0	11.6	8.4	5.6	3.3	1.3	0.0
-42.5°	14.3	11.0	8.0	5.3	3.1	1.2	0.0
-45°	13.5	10.4	7.6	5.0	3.0	1.2	0.0
-47.5°	12.6	9.8	7.2	4.7	2.8	1.1	0.0
-50°	11.8	9.1	6.7	4.4	2.7	1.1	0.0
-52.5°	11.0	8.5	6.2	4.2	2.5	1.0	0.0
-55°	10.2	7.8	5.8	3.9	2.3	1.0	0.0
-57.5°	9.3	7.2	5.3	3.6	2.1	0.9	0.0
-60°	8.4	6.6	4.8	3.3	1.9	0.9	0.0
-62.5°	7.6	5.9	4.3	3.0	1.8	0.8	0.0
-65°	6.8	5.3	3.9	2.7	1.6	0.7	0.0
-67.5°	6.0	4.6	3.5	2.4	1.5	0.7	0.0
-70°	5.2	4.1	3.0	2.1	1.3	0.6	0.0
-72.5°	4.4	3.5	2.6	1.8	1.2	0.5	0.0
-75°	3.6	2.8	2.1	1.5	1.0	0.5	0.0
-77.5°	2.9	2.2	1.7	1.3	0.9	0.4	0.0
-80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	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)