

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: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626565 (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-740-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N24
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

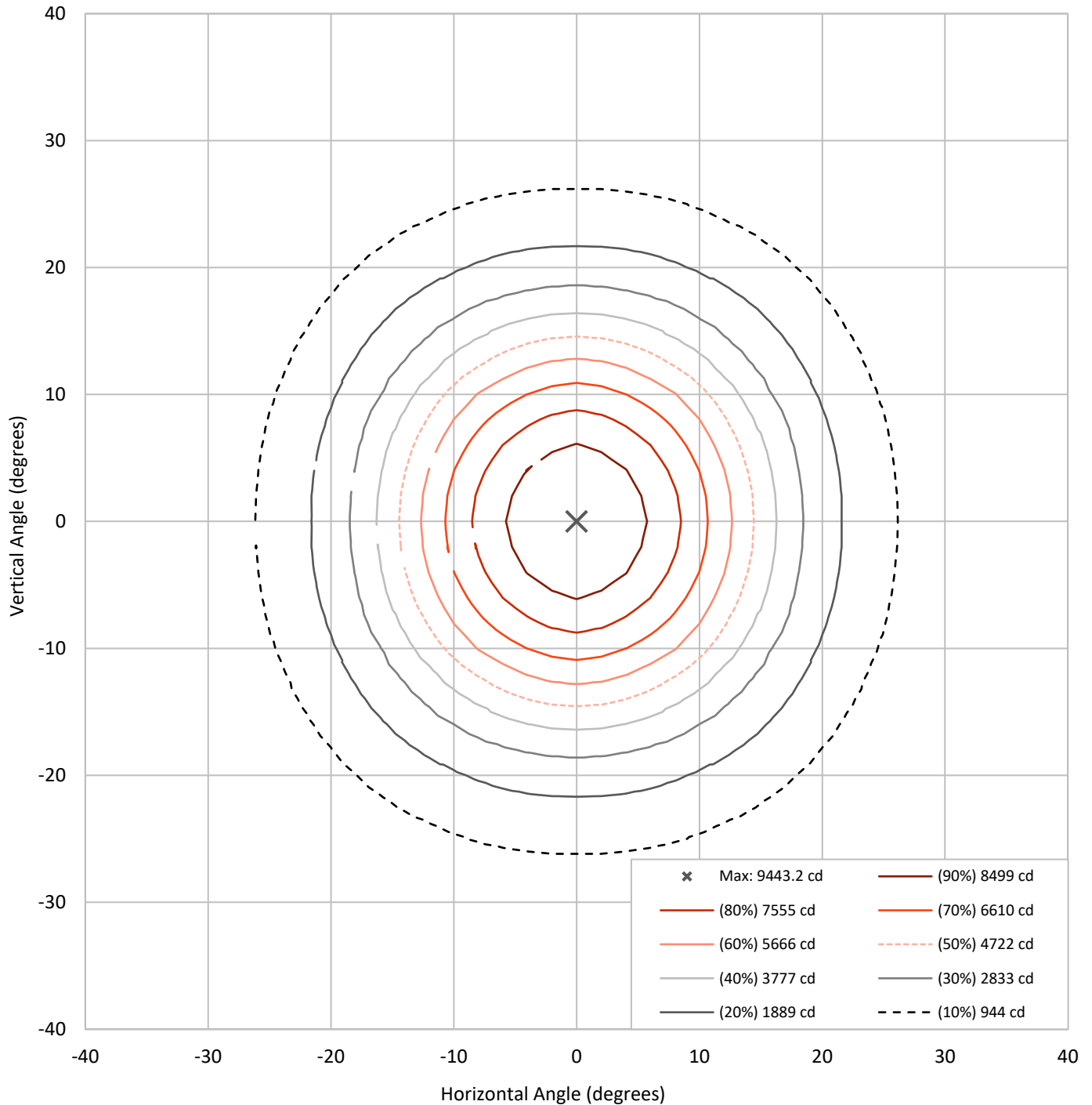
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2950.4 lumens	Max Intensity:	9443.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	163.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	1434.4 lumens	Field Lumens:	2420.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%

Input Watts (W): 18.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





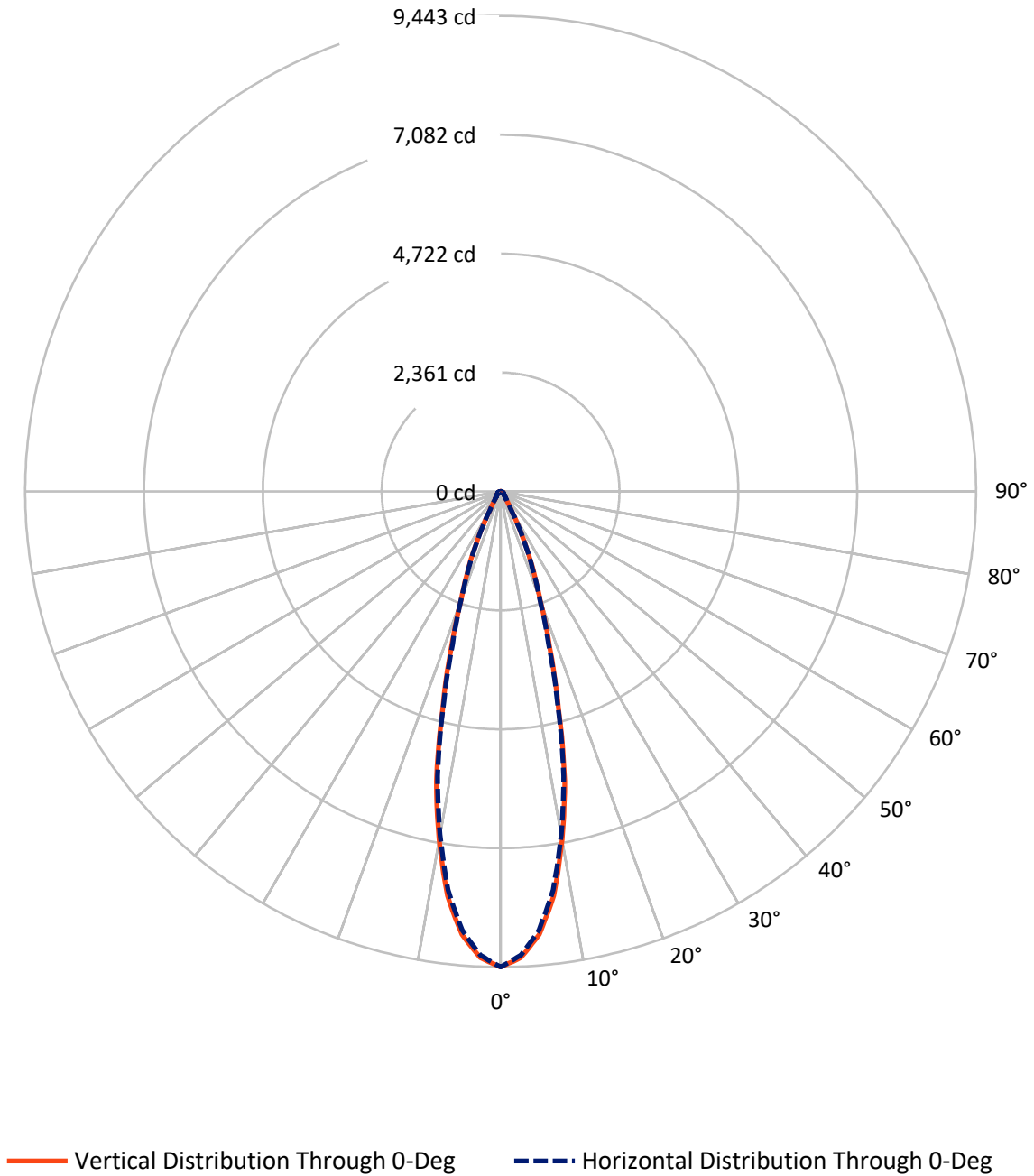
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Lumen Table

90	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
80	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
70	0.2	0.3	0.5	0.8	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.8	0.5	0.3	0.2			
60		0.4	0.8	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.8	0.4				
50	0.4	0.5	1.0	1.5	2.0	2.6	3.0	3.2	3.2	3.0	2.6	2.0	1.5	1.0	0.5	0.4			
40		0.6	1.1	1.8	2.5	3.5	5.1	6.6	6.6	5.1	3.5	2.5	1.8	1.1	0.6				
30	0.5	0.6	1.3	2.0	3.2	6.9	19.4	34.4	34.4	19.4	6.9	3.2	2.0	1.3	0.6	0.5			
20		0.7	1.3	2.1	4.3	18.1	64.5	123.7	123.7	64.5	18.1	4.3	2.1	1.3	0.7				
10	0.5	0.7	1.3	2.3	5.5	31.3	119.5	235.0	235.0	119.5	31.3	5.5	2.3	1.3	0.7	0.5			
0		0.7	1.3	2.3	5.5	31.3	119.5	235.0	235.0	119.5	31.3	5.5	2.3	1.3	0.7				
-10	0.5	0.7	1.3	2.1	4.3	18.1	64.5	123.7	123.7	64.5	18.1	4.3	2.1	1.3	0.7	0.5			
-20		0.6	1.3	2.0	3.2	6.9	19.4	34.4	34.4	19.4	6.9	3.2	2.0	1.3	0.6				
-30	0.4	0.6	1.1	1.8	2.5	3.5	5.1	6.6	6.6	5.1	3.5	2.5	1.8	1.1	0.6	0.4			
-40		0.5	1.0	1.5	2.0	2.6	3.0	3.2	3.2	3.0	2.6	2.0	1.5	1.0	0.5				
-50	0.2	0.4	0.8	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.8	0.4	0.2			
-60		0.3	0.5	0.8	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.8	0.5	0.3				
-70	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
-80		0.5		1.3		2.0		2.2		2.0		1.3		0.5					
-90	0.1	0.5		1.3		2.0		2.2		2.0		1.3		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

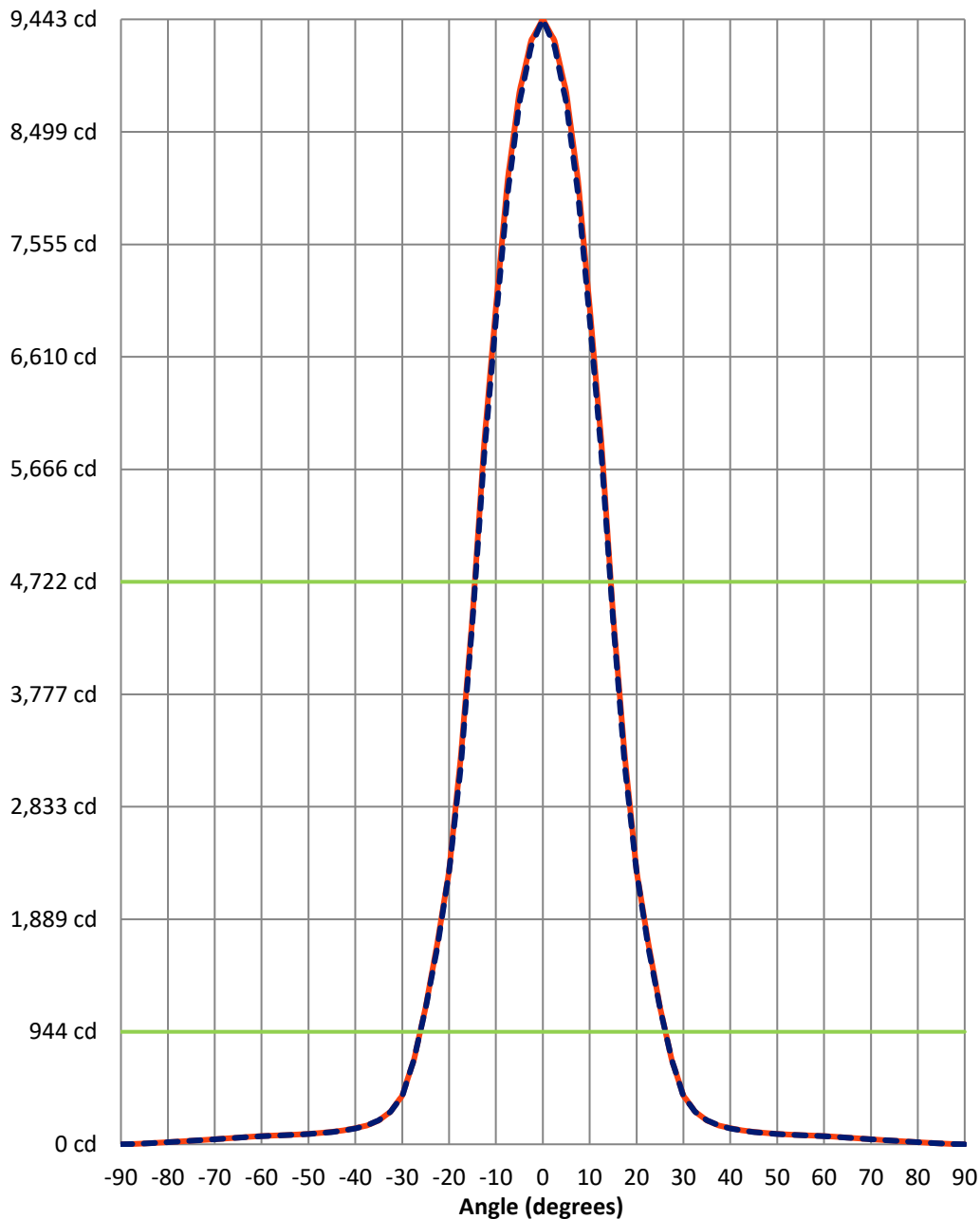
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 1434.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 2420.7
 Efficiency: 82.0%

Spill:
 Lumens: 529.6
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	3.1	3.7
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	3.3	4.1	4.9	5.7
77.5°	0.0	0.5	1.0	1.6	2.1	2.7	3.6	4.6	5.6	6.7	7.8
75°	0.0	0.6	1.2	1.9	2.5	3.6	4.7	5.9	7.1	8.6	10.0
72.5°	0.0	0.7	1.4	2.2	3.2	4.5	5.8	7.2	8.9	10.6	12.2
70°	0.0	0.8	1.6	2.5	4.0	5.4	6.9	8.7	10.6	12.5	14.6
67.5°	0.0	0.9	1.8	3.0	4.7	6.3	8.2	10.2	12.4	14.7	17.0
65°	0.0	1.0	2.0	3.5	5.3	7.2	9.5	11.7	14.3	16.8	19.4
62.5°	0.0	1.1	2.2	4.0	6.0	8.3	10.7	13.3	16.1	19.0	21.9
60°	0.0	1.2	2.4	4.5	6.7	9.3	12.0	14.9	18.0	21.1	24.3
57.5°	0.0	1.3	2.7	5.0	7.5	10.3	13.3	16.5	19.8	23.2	26.7
55°	0.0	1.4	3.0	5.5	8.2	11.3	14.6	18.0	21.5	25.2	29.0
52.5°	0.0	1.5	3.3	5.9	9.0	12.3	15.8	19.5	23.2	27.2	31.3
50°	0.0	1.5	3.6	6.4	9.7	13.2	17.0	20.9	24.8	29.2	33.4
47.5°	0.0	1.6	3.9	6.8	10.5	14.2	18.1	22.2	26.5	31.1	35.4
45°	0.0	1.7	4.2	7.3	11.1	15.1	19.3	23.5	28.2	32.8	37.3
42.5°	0.0	1.8	4.4	7.8	11.8	15.9	20.3	24.8	29.7	34.4	39.0
40°	0.0	1.8	4.7	8.3	12.4	16.7	21.3	26.1	31.1	35.9	40.6
37.5°	0.0	1.9	4.9	8.7	13.0	17.5	22.3	27.3	32.4	37.3	42.2
35°	0.0	2.0	5.1	9.1	13.6	18.2	23.2	28.4	33.6	38.6	43.6
32.5°	0.0	2.0	5.4	9.5	14.1	19.0	24.1	29.5	34.7	39.9	45.0
30°	0.0	2.1	5.5	9.8	14.6	19.6	24.9	30.4	35.8	41.1	46.4
27.5°	0.0	2.1	5.7	10.1	15.1	20.2	25.6	31.2	36.7	42.1	47.6
25°	0.0	2.2	5.9	10.4	15.5	20.8	26.3	32.0	37.6	43.1	48.7
22.5°	0.0	2.2	6.0	10.7	15.9	21.3	26.9	32.7	38.4	44.0	49.8
20°	0.0	2.3	6.2	10.9	16.2	21.7	27.5	33.3	39.0	44.8	50.8
17.5°	0.0	2.3	6.3	11.1	16.5	22.1	28.0	33.8	39.6	45.5	51.7
15°	0.0	2.3	6.4	11.2	16.8	22.4	28.4	34.3	40.1	46.1	52.4
12.5°	0.0	2.3	6.5	11.3	17.0	22.6	28.8	34.8	40.6	46.5	53.0
10°	0.0	2.4	6.6	11.4	17.2	22.8	29.1	35.1	41.0	47.1	53.6
7.5°	0.0	2.4	6.6	11.5	17.4	23.0	29.4	35.4	41.4	47.6	54.2
5°	0.0	2.4	6.7	11.5	17.5	23.0	29.5	35.6	41.6	48.0	54.6
2.5°	0.0	2.4	6.7	11.5	17.6	23.0	29.7	35.8	41.8	48.3	55.0
0°	0.0	2.4	6.7	11.5	17.6	23.0	29.7	35.8	41.8	48.5	55.2
-2.5°	0.0	2.4	6.7	11.5	17.6	23.0	29.7	35.8	41.8	48.3	55.0
-5°	0.0	2.4	6.7	11.5	17.5	23.0	29.5	35.6	41.6	48.0	54.6
-7.5°	0.0	2.4	6.6	11.5	17.4	23.0	29.4	35.4	41.4	47.6	54.2
-10°	0.0	2.4	6.6	11.4	17.2	22.8	29.1	35.1	41.0	47.1	53.6
-12.5°	0.0	2.3	6.5	11.3	17.0	22.6	28.8	34.8	40.6	46.5	53.0
-15°	0.0	2.3	6.4	11.2	16.8	22.4	28.4	34.3	40.1	46.1	52.4
-17.5°	0.0	2.3	6.3	11.1	16.5	22.1	28.0	33.8	39.6	45.5	51.7
-20°	0.0	2.3	6.2	10.9	16.2	21.7	27.5	33.3	39.0	44.8	50.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.2	6.0	10.7	15.9	21.3	26.9	32.7	38.4	44.0	49.8
-25°	0.0	2.2	5.9	10.4	15.5	20.8	26.3	32.0	37.6	43.1	48.7
-27.5°	0.0	2.1	5.7	10.1	15.1	20.2	25.6	31.2	36.7	42.1	47.6
-30°	0.0	2.1	5.5	9.8	14.6	19.6	24.9	30.4	35.8	41.1	46.4
-32.5°	0.0	2.0	5.4	9.5	14.1	19.0	24.1	29.5	34.7	39.9	45.0
-35°	0.0	2.0	5.1	9.1	13.6	18.2	23.2	28.4	33.6	38.6	43.6
-37.5°	0.0	1.9	4.9	8.7	13.0	17.5	22.3	27.3	32.4	37.3	42.2
-40°	0.0	1.8	4.7	8.3	12.4	16.7	21.3	26.1	31.1	35.9	40.6
-42.5°	0.0	1.8	4.4	7.8	11.8	15.9	20.3	24.8	29.7	34.4	39.0
-45°	0.0	1.7	4.2	7.3	11.1	15.1	19.3	23.5	28.2	32.8	37.3
-47.5°	0.0	1.6	3.9	6.8	10.5	14.2	18.1	22.2	26.5	31.1	35.4
-50°	0.0	1.5	3.6	6.4	9.7	13.2	17.0	20.9	24.8	29.2	33.4
-52.5°	0.0	1.5	3.3	5.9	9.0	12.3	15.8	19.5	23.2	27.2	31.3
-55°	0.0	1.4	3.0	5.5	8.2	11.3	14.6	18.0	21.5	25.2	29.0
-57.5°	0.0	1.3	2.7	5.0	7.5	10.3	13.3	16.5	19.8	23.2	26.7
-60°	0.0	1.2	2.4	4.5	6.7	9.3	12.0	14.9	18.0	21.1	24.3
-62.5°	0.0	1.1	2.2	4.0	6.0	8.3	10.7	13.3	16.1	19.0	21.9
-65°	0.0	1.0	2.0	3.5	5.3	7.2	9.5	11.7	14.3	16.8	19.4
-67.5°	0.0	0.9	1.8	3.0	4.7	6.3	8.2	10.2	12.4	14.7	17.0
-70°	0.0	0.8	1.6	2.5	4.0	5.4	6.9	8.7	10.6	12.5	14.6
-72.5°	0.0	0.7	1.4	2.2	3.2	4.5	5.8	7.2	8.9	10.6	12.2
-75°	0.0	0.6	1.2	1.9	2.5	3.6	4.7	5.9	7.1	8.6	10.0
-77.5°	0.0	0.5	1.0	1.6	2.1	2.7	3.6	4.6	5.6	6.7	7.8
-80°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	3.3	4.1	4.9	5.7
-82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	3.1	3.7
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3
82.5°	4.3	4.8	5.4	5.9	6.4	6.9	7.4	7.9	8.3	8.7	9.1
80°	6.5	7.3	8.0	8.7	9.4	10.0	10.6	11.2	11.8	12.5	13.1
77.5°	8.9	9.8	10.6	11.4	12.3	13.3	14.3	15.3	16.2	17.1	17.9
75°	11.2	12.3	13.5	14.7	15.9	17.2	18.4	19.5	20.6	21.8	23.0
72.5°	13.8	15.3	16.7	18.1	19.7	21.2	22.5	23.8	25.2	26.8	28.2
70°	16.5	18.2	20.0	21.8	23.6	25.2	26.9	28.6	30.4	32.1	33.7
67.5°	19.2	21.4	23.5	25.5	27.5	29.4	31.5	33.5	35.6	37.5	39.3
65°	22.1	24.5	26.8	29.1	31.3	33.7	36.1	38.5	41.0	43.4	45.4
62.5°	25.0	27.6	30.2	32.7	35.4	38.1	40.9	43.8	46.9	49.0	50.9
60°	27.6	30.6	33.5	36.4	39.4	42.5	45.7	48.8	51.5	53.9	55.9
57.5°	30.3	33.6	36.8	40.0	43.3	46.8	50.3	53.4	56.0	58.3	60.5
55°	32.8	36.6	40.0	43.4	47.1	51.1	54.7	57.6	60.2	62.1	64.2
52.5°	35.3	39.3	42.8	46.6	50.8	55.0	58.6	61.4	63.7	65.7	67.7
50°	37.6	41.6	45.6	49.9	54.3	58.6	62.2	64.8	67.0	69.1	71.0
47.5°	39.7	43.9	48.3	52.9	57.6	61.8	65.3	67.9	70.2	72.3	74.5
45°	41.7	46.2	50.9	55.9	60.8	64.9	68.1	70.9	73.1	75.5	78.2
42.5°	43.6	48.4	53.5	58.9	63.8	67.6	70.7	73.4	76.0	78.8	81.8
40°	45.5	50.4	56.0	61.7	66.7	69.9	73.0	75.9	78.8	82.1	85.3
37.5°	47.2	52.6	58.3	64.2	68.7	72.2	75.4	78.5	81.8	85.3	89.4
35°	48.8	54.5	60.5	66.3	70.6	74.3	77.8	81.2	84.9	89.1	93.6
32.5°	50.4	56.3	62.6	68.0	72.3	76.3	80.0	83.9	88.2	92.8	97.9
30°	51.9	58.0	64.4	69.7	73.8	77.9	82.3	86.6	91.3	96.5	102.5
27.5°	53.4	59.6	65.9	71.1	75.1	79.2	84.0	89.3	94.4	100.1	107.1
25°	54.8	61.3	67.4	72.2	76.3	80.6	85.5	91.1	97.2	104.0	112.5
22.5°	56.1	62.7	68.8	73.1	77.2	81.7	87.1	93.0	99.6	107.4	117.8
20°	57.3	63.9	69.8	74.0	78.0	82.6	88.4	94.7	102.2	111.7	124.1
17.5°	58.3	64.9	70.4	74.7	78.8	83.6	89.5	96.1	104.5	115.4	130.1
15°	59.2	65.7	71.0	75.2	79.5	84.6	90.7	97.8	107.1	119.1	135.4
12.5°	59.9	66.3	71.5	75.6	80.0	85.3	91.7	99.5	109.6	123.1	142.4
10°	60.5	66.8	71.8	75.8	80.4	85.8	92.5	100.8	111.7	126.4	148.3
7.5°	61.1	67.2	72.1	75.9	80.6	86.1	93.0	101.7	113.2	128.9	153.1
5°	61.5	67.6	72.2	76.2	80.7	86.2	93.4	102.2	114.1	130.5	156.5
2.5°	61.7	67.8	72.2	76.3	80.8	86.3	93.8	102.5	115.2	131.9	158.4
0°	61.8	67.9	72.1	76.4	80.6	86.1	94.0	102.4	115.8	132.7	158.8
-2.5°	61.7	67.8	72.2	76.3	80.8	86.3	93.8	102.5	115.2	131.9	158.4
-5°	61.5	67.6	72.2	76.2	80.7	86.2	93.4	102.2	114.1	130.5	156.5
-7.5°	61.1	67.2	72.1	75.9	80.6	86.1	93.0	101.7	113.2	128.9	153.1
-10°	60.5	66.8	71.8	75.8	80.4	85.8	92.5	100.8	111.7	126.4	148.3
-12.5°	59.9	66.3	71.5	75.6	80.0	85.3	91.7	99.5	109.6	123.1	142.4
-15°	59.2	65.7	71.0	75.2	79.5	84.6	90.7	97.8	107.1	119.1	135.4
-17.5°	58.3	64.9	70.4	74.7	78.8	83.6	89.5	96.1	104.5	115.4	130.1
-20°	57.3	63.9	69.8	74.0	78.0	82.6	88.4	94.7	102.2	111.7	124.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	56.1	62.7	68.8	73.1	77.2	81.7	87.1	93.0	99.6	107.4	117.8
-25°	54.8	61.3	67.4	72.2	76.3	80.6	85.5	91.1	97.2	104.0	112.5
-27.5°	53.4	59.6	65.9	71.1	75.1	79.2	84.0	89.3	94.4	100.1	107.1
-30°	51.9	58.0	64.4	69.7	73.8	77.9	82.3	86.6	91.3	96.5	102.5
-32.5°	50.4	56.3	62.6	68.0	72.3	76.3	80.0	83.9	88.2	92.8	97.9
-35°	48.8	54.5	60.5	66.3	70.6	74.3	77.8	81.2	84.9	89.1	93.6
-37.5°	47.2	52.6	58.3	64.2	68.7	72.2	75.4	78.5	81.8	85.3	89.4
-40°	45.5	50.4	56.0	61.7	66.7	69.9	73.0	75.9	78.8	82.1	85.3
-42.5°	43.6	48.4	53.5	58.9	63.8	67.6	70.7	73.4	76.0	78.8	81.8
-45°	41.7	46.2	50.9	55.9	60.8	64.9	68.1	70.9	73.1	75.5	78.2
-47.5°	39.7	43.9	48.3	52.9	57.6	61.8	65.3	67.9	70.2	72.3	74.5
-50°	37.6	41.6	45.6	49.9	54.3	58.6	62.2	64.8	67.0	69.1	71.0
-52.5°	35.3	39.3	42.8	46.6	50.8	55.0	58.6	61.4	63.7	65.7	67.7
-55°	32.8	36.6	40.0	43.4	47.1	51.1	54.7	57.6	60.2	62.1	64.2
-57.5°	30.3	33.6	36.8	40.0	43.3	46.8	50.3	53.4	56.0	58.3	60.5
-60°	27.6	30.6	33.5	36.4	39.4	42.5	45.7	48.8	51.5	53.9	55.9
-62.5°	25.0	27.6	30.2	32.7	35.4	38.1	40.9	43.8	46.9	49.0	50.9
-65°	22.1	24.5	26.8	29.1	31.3	33.7	36.1	38.5	41.0	43.4	45.4
-67.5°	19.2	21.4	23.5	25.5	27.5	29.4	31.5	33.5	35.6	37.5	39.3
-70°	16.5	18.2	20.0	21.8	23.6	25.2	26.9	28.6	30.4	32.1	33.7
-72.5°	13.8	15.3	16.7	18.1	19.7	21.2	22.5	23.8	25.2	26.8	28.2
-75°	11.2	12.3	13.5	14.7	15.9	17.2	18.4	19.5	20.6	21.8	23.0
-77.5°	8.9	9.8	10.6	11.4	12.3	13.3	14.3	15.3	16.2	17.1	17.9
-80°	6.5	7.3	8.0	8.7	9.4	10.0	10.6	11.2	11.8	12.5	13.1
-82.5°	4.3	4.8	5.4	5.9	6.4	6.9	7.4	7.9	8.3	8.7	9.1
-85°	2.2	2.4	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3
-87.5°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
85°	5.5	5.8	6.0	6.2	6.4	6.4	6.4	6.4	6.4	6.5	6.6
82.5°	9.5	9.9	10.3	10.8	11.2	11.3	11.4	11.5	11.6	11.7	11.9
80°	13.8	14.4	15.1	15.6	16.1	16.5	16.8	17.1	17.4	17.5	17.6
77.5°	18.8	19.6	20.4	21.1	21.7	22.2	22.6	22.9	23.2	23.3	23.5
75°	24.1	25.2	26.1	26.9	27.7	28.3	28.6	28.9	29.1	29.3	29.5
72.5°	29.5	30.7	31.8	32.8	33.7	34.3	34.8	35.2	35.4	35.6	35.8
70°	35.2	36.6	37.8	38.9	39.7	40.3	40.7	41.1	41.4	41.6	41.7
67.5°	41.1	42.6	43.7	44.6	45.3	46.0	46.6	47.0	47.3	47.6	47.9
65°	47.1	48.6	49.8	50.7	51.5	52.3	53.1	53.7	54.1	54.4	54.8
62.5°	52.7	54.5	55.8	57.1	58.3	59.5	60.2	60.8	61.1	61.5	61.8
60°	57.9	59.8	61.5	63.0	64.6	66.1	66.7	67.2	67.7	68.1	68.5
57.5°	62.5	64.6	66.5	68.0	69.5	70.9	71.9	72.5	72.9	73.1	73.2
55°	66.4	68.5	70.5	72.2	73.8	75.3	76.4	77.0	77.4	77.6	77.8
52.5°	70.0	72.2	74.3	76.3	78.0	79.6	80.9	81.7	82.3	82.7	82.9
50°	73.5	75.9	78.2	80.2	82.2	84.1	85.9	87.0	87.7	88.1	88.2
47.5°	77.1	79.7	82.2	84.6	86.9	89.1	91.2	92.6	93.6	94.4	95.0
45°	80.9	83.7	86.5	89.2	91.8	94.8	97.4	99.5	101.0	102.3	103.4
42.5°	84.7	87.9	91.0	94.6	98.2	101.5	104.7	107.4	109.9	112.3	114.2
40°	88.9	92.3	96.6	100.9	105.3	109.2	113.8	117.9	121.7	125.8	129.2
37.5°	93.4	97.8	102.9	108.1	113.8	119.4	125.8	132.2	137.7	144.9	150.6
35°	98.3	104.0	110.0	116.9	124.3	133.0	142.1	152.7	161.6	173.0	183.5
32.5°	103.8	110.5	118.3	127.7	137.8	151.8	165.0	183.0	198.3	218.0	239.6
30°	109.4	118.0	128.6	140.8	157.8	177.8	201.0	231.3	264.1	298.0	343.6
27.5°	116.1	127.2	140.5	159.3	184.7	212.3	259.7	311.0	382.3	438.7	539.3
25°	123.2	137.0	156.6	183.9	218.9	274.9	355.0	447.7	590.4	717.4	863.3
22.5°	131.7	150.4	176.4	212.1	273.2	369.4	494.4	684.8	896.4	1105.2	1296.1
20°	140.7	163.3	199.6	257.8	352.2	491.3	714.3	986.3	1267.2	1553.5	1794.7
17.5°	151.1	181.8	229.7	307.0	441.7	679.9	977.7	1323.6	1690.6	2055.8	2373.1
15°	160.1	198.0	262.5	378.4	579.2	877.1	1243.2	1680.0	2141.5	2615.5	3129.3
12.5°	171.6	217.5	296.3	437.3	701.1	1088.5	1536.3	2043.4	2607.0	3236.4	4037.3
10°	182.1	238.0	340.7	531.8	847.7	1285.9	1789.4	2364.8	3095.9	4041.7	5007.8
7.5°	190.5	254.3	375.2	605.5	970.7	1454.5	2017.4	2707.3	3619.4	4745.6	5849.4
5°	196.4	265.5	399.9	661.2	1069.6	1583.3	2179.2	2959.8	4060.6	5321.8	6448.8
2.5°	200.1	271.7	412.0	694.4	1134.1	1660.9	2280.2	3120.2	4331.0	5688.6	6829.6
0°	201.8	272.8	404.3	710.4	1143.2	1655.4	2289.4	3173.8	4395.2	5788.1	6924.7
-2.5°	200.1	271.7	412.0	694.4	1134.1	1660.9	2280.2	3120.2	4331.0	5688.6	6829.6
-5°	196.4	265.5	399.9	661.2	1069.6	1583.3	2179.2	2959.8	4060.6	5321.8	6448.8
-7.5°	190.5	254.3	375.2	605.5	970.7	1454.5	2017.4	2707.3	3619.4	4745.6	5849.4
-10°	182.1	238.0	340.7	531.8	847.7	1285.9	1789.4	2364.8	3095.9	4041.7	5007.8
-12.5°	171.6	217.5	296.3	437.3	701.1	1088.5	1536.3	2043.4	2607.0	3236.4	4037.3
-15°	160.1	198.0	262.5	378.4	579.2	877.1	1243.2	1680.0	2141.5	2615.5	3129.3
-17.5°	151.1	181.8	229.7	307.0	441.7	679.9	977.7	1323.6	1690.6	2055.8	2373.1
-20°	140.7	163.3	199.6	257.8	352.2	491.3	714.3	986.3	1267.2	1553.5	1794.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	131.7	150.4	176.4	212.1	273.2	369.4	494.4	684.8	896.4	1105.2	1296.1
-25°	123.2	137.0	156.6	183.9	218.9	274.9	355.0	447.7	590.4	717.4	863.3
-27.5°	116.1	127.2	140.5	159.3	184.7	212.3	259.7	311.0	382.3	438.7	539.3
-30°	109.4	118.0	128.6	140.8	157.8	177.8	201.0	231.3	264.1	298.0	343.6
-32.5°	103.8	110.5	118.3	127.7	137.8	151.8	165.0	183.0	198.3	218.0	239.6
-35°	98.3	104.0	110.0	116.9	124.3	133.0	142.1	152.7	161.6	173.0	183.5
-37.5°	93.4	97.8	102.9	108.1	113.8	119.4	125.8	132.2	137.7	144.9	150.6
-40°	88.9	92.3	96.6	100.9	105.3	109.2	113.8	117.9	121.7	125.8	129.2
-42.5°	84.7	87.9	91.0	94.6	98.2	101.5	104.7	107.4	109.9	112.3	114.2
-45°	80.9	83.7	86.5	89.2	91.8	94.8	97.4	99.5	101.0	102.3	103.4
-47.5°	77.1	79.7	82.2	84.6	86.9	89.1	91.2	92.6	93.6	94.4	95.0
-50°	73.5	75.9	78.2	80.2	82.2	84.1	85.9	87.0	87.7	88.1	88.2
-52.5°	70.0	72.2	74.3	76.3	78.0	79.6	80.9	81.7	82.3	82.7	82.9
-55°	66.4	68.5	70.5	72.2	73.8	75.3	76.4	77.0	77.4	77.6	77.8
-57.5°	62.5	64.6	66.5	68.0	69.5	70.9	71.9	72.5	72.9	73.1	73.2
-60°	57.9	59.8	61.5	63.0	64.6	66.1	66.7	67.2	67.7	68.1	68.5
-62.5°	52.7	54.5	55.8	57.1	58.3	59.5	60.2	60.8	61.1	61.5	61.8
-65°	47.1	48.6	49.8	50.7	51.5	52.3	53.1	53.7	54.1	54.4	54.8
-67.5°	41.1	42.6	43.7	44.6	45.3	46.0	46.6	47.0	47.3	47.6	47.9
-70°	35.2	36.6	37.8	38.9	39.7	40.3	40.7	41.1	41.4	41.6	41.7
-72.5°	29.5	30.7	31.8	32.8	33.7	34.3	34.8	35.2	35.4	35.6	35.8
-75°	24.1	25.2	26.1	26.9	27.7	28.3	28.6	28.9	29.1	29.3	29.5
-77.5°	18.8	19.6	20.4	21.1	21.7	22.2	22.6	22.9	23.2	23.3	23.5
-80°	13.8	14.4	15.1	15.6	16.1	16.5	16.8	17.1	17.4	17.5	17.6
-82.5°	9.5	9.9	10.3	10.8	11.2	11.3	11.4	11.5	11.6	11.7	11.9
-85°	5.5	5.8	6.0	6.2	6.4	6.4	6.4	6.4	6.4	6.5	6.6
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
85°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.4	6.4
82.5°	12.0	12.0	12.1	12.1	12.1	12.0	12.0	11.9	11.7	11.6	11.5
80°	17.6	17.5	17.6	17.6	17.6	17.5	17.6	17.6	17.5	17.4	17.1
77.5°	23.5	23.5	23.6	23.6	23.6	23.5	23.5	23.5	23.3	23.2	22.9
75°	29.5	29.6	29.7	29.7	29.7	29.6	29.5	29.5	29.3	29.1	28.9
72.5°	35.8	35.7	35.8	35.8	35.8	35.7	35.8	35.8	35.6	35.4	35.2
70°	41.7	41.6	42.0	42.4	42.0	41.6	41.7	41.7	41.6	41.4	41.1
67.5°	48.2	48.3	48.7	49.1	48.7	48.3	48.2	47.9	47.6	47.3	47.0
65°	55.0	55.0	55.4	55.8	55.4	55.0	55.0	54.8	54.4	54.1	53.7
62.5°	62.1	62.1	62.6	63.0	62.6	62.1	62.1	61.8	61.5	61.1	60.8
60°	68.8	68.9	69.0	69.1	69.0	68.9	68.8	68.5	68.1	67.7	67.2
57.5°	73.3	73.2	73.2	73.3	73.2	73.2	73.3	73.2	73.1	72.9	72.5
55°	77.7	77.5	77.3	77.0	77.3	77.5	77.7	77.8	77.6	77.4	77.0
52.5°	82.7	82.4	82.1	81.8	82.1	82.4	82.7	82.9	82.7	82.3	81.7
50°	88.1	87.9	87.6	87.3	87.6	87.9	88.1	88.2	88.1	87.7	87.0
47.5°	95.4	95.5	95.4	95.2	95.4	95.5	95.4	95.0	94.4	93.6	92.6
45°	104.1	104.5	104.5	104.3	104.5	104.5	104.1	103.4	102.3	101.0	99.5
42.5°	115.5	116.3	116.7	117.0	116.7	116.3	115.5	114.2	112.3	109.9	107.4
40°	131.7	133.3	134.3	135.2	134.3	133.3	131.7	129.2	125.8	121.7	117.9
37.5°	154.9	157.7	159.0	158.2	159.0	157.7	154.9	150.6	144.9	137.7	132.2
35°	191.6	197.0	199.8	200.0	199.8	197.0	191.6	183.5	173.0	161.6	152.7
32.5°	255.5	266.6	272.5	273.4	272.5	266.6	255.5	239.6	218.0	198.3	183.0
30°	378.5	401.1	411.6	409.2	411.6	401.1	378.5	343.6	298.0	264.1	231.3
27.5°	617.6	673.8	707.1	709.8	707.1	673.8	617.6	539.3	438.7	382.3	311.0
25°	992.5	1088.6	1150.1	1151.1	1150.1	1088.6	992.5	863.3	717.4	590.4	447.7
22.5°	1472.7	1603.8	1675.6	1688.1	1675.6	1603.8	1472.7	1296.1	1105.2	896.4	684.8
20°	2028.9	2203.3	2296.6	2296.7	2296.6	2203.3	2028.9	1794.7	1553.5	1267.2	986.3
17.5°	2713.9	2997.1	3174.8	3251.4	3174.8	2997.1	2713.9	2373.1	2055.8	1690.6	1323.6
15°	3624.0	4099.8	4385.0	4436.4	4385.0	4099.8	3624.0	3129.3	2615.5	2141.5	1680.0
12.5°	4732.1	5334.3	5739.2	5887.5	5739.2	5334.3	4732.1	4037.3	3236.4	2607.0	2043.4
10°	5889.0	6447.0	6880.7	7026.5	6880.7	6447.0	5889.0	5007.8	4041.7	3095.9	2364.8
7.5°	6724.8	7390.2	7878.8	8093.3	7878.8	7390.2	6724.8	5849.4	4745.6	3619.4	2707.3
5°	7384.6	8171.9	8626.8	8828.6	8626.8	8171.9	7384.6	6448.8	5321.8	4060.6	2959.8
2.5°	7817.5	8595.5	9077.1	9263.2	9077.1	8595.5	7817.5	6829.6	5688.6	4331.0	3120.2
0°	7979.4	8740.1	9215.9	9443.2	9215.9	8740.1	7979.4	6924.7	5788.1	4395.2	3173.8
-2.5°	7817.5	8595.5	9077.1	9263.2	9077.1	8595.5	7817.5	6829.6	5688.6	4331.0	3120.2
-5°	7384.6	8171.9	8626.8	8828.6	8626.8	8171.9	7384.6	6448.8	5321.8	4060.6	2959.8
-7.5°	6724.8	7390.2	7878.8	8093.3	7878.8	7390.2	6724.8	5849.4	4745.6	3619.4	2707.3
-10°	5889.0	6447.0	6880.7	7026.5	6880.7	6447.0	5889.0	5007.8	4041.7	3095.9	2364.8
-12.5°	4732.1	5334.3	5739.2	5887.5	5739.2	5334.3	4732.1	4037.3	3236.4	2607.0	2043.4
-15°	3624.0	4099.8	4385.0	4436.4	4385.0	4099.8	3624.0	3129.3	2615.5	2141.5	1680.0
-17.5°	2713.9	2997.1	3174.8	3251.4	3174.8	2997.1	2713.9	2373.1	2055.8	1690.6	1323.6
-20°	2028.9	2203.3	2296.6	2296.7	2296.6	2203.3	2028.9	1794.7	1553.5	1267.2	986.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	1472.7	1603.8	1675.6	1688.1	1675.6	1603.8	1472.7	1296.1	1105.2	896.4	684.8
-25°	992.5	1088.6	1150.1	1151.1	1150.1	1088.6	992.5	863.3	717.4	590.4	447.7
-27.5°	617.6	673.8	707.1	709.8	707.1	673.8	617.6	539.3	438.7	382.3	311.0
-30°	378.5	401.1	411.6	409.2	411.6	401.1	378.5	343.6	298.0	264.1	231.3
-32.5°	255.5	266.6	272.5	273.4	272.5	266.6	255.5	239.6	218.0	198.3	183.0
-35°	191.6	197.0	199.8	200.0	199.8	197.0	191.6	183.5	173.0	161.6	152.7
-37.5°	154.9	157.7	159.0	158.2	159.0	157.7	154.9	150.6	144.9	137.7	132.2
-40°	131.7	133.3	134.3	135.2	134.3	133.3	131.7	129.2	125.8	121.7	117.9
-42.5°	115.5	116.3	116.7	117.0	116.7	116.3	115.5	114.2	112.3	109.9	107.4
-45°	104.1	104.5	104.5	104.3	104.5	104.5	104.1	103.4	102.3	101.0	99.5
-47.5°	95.4	95.5	95.4	95.2	95.4	95.5	95.4	95.0	94.4	93.6	92.6
-50°	88.1	87.9	87.6	87.3	87.6	87.9	88.1	88.2	88.1	87.7	87.0
-52.5°	82.7	82.4	82.1	81.8	82.1	82.4	82.7	82.9	82.7	82.3	81.7
-55°	77.7	77.5	77.3	77.0	77.3	77.5	77.7	77.8	77.6	77.4	77.0
-57.5°	73.3	73.2	73.2	73.3	73.2	73.2	73.3	73.2	73.1	72.9	72.5
-60°	68.8	68.9	69.0	69.1	69.0	68.9	68.8	68.5	68.1	67.7	67.2
-62.5°	62.1	62.1	62.6	63.0	62.6	62.1	62.1	61.8	61.5	61.1	60.8
-65°	55.0	55.0	55.4	55.8	55.4	55.0	55.0	54.8	54.4	54.1	53.7
-67.5°	48.2	48.3	48.7	49.1	48.7	48.3	48.2	47.9	47.6	47.3	47.0
-70°	41.7	41.6	42.0	42.4	42.0	41.6	41.7	41.7	41.6	41.4	41.1
-72.5°	35.8	35.7	35.8	35.8	35.8	35.7	35.8	35.8	35.6	35.4	35.2
-75°	29.5	29.6	29.7	29.7	29.7	29.6	29.5	29.5	29.3	29.1	28.9
-77.5°	23.5	23.5	23.6	23.6	23.6	23.5	23.5	23.5	23.3	23.2	22.9
-80°	17.6	17.5	17.6	17.6	17.6	17.5	17.6	17.6	17.5	17.4	17.1
-82.5°	12.0	12.0	12.1	12.1	12.1	12.0	12.0	11.9	11.7	11.6	11.5
-85°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.4	6.4
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	6.4	6.4	6.4	6.2	6.0	5.8	5.5	5.3	5.0	4.7	4.4
82.5°	11.4	11.3	11.2	10.8	10.3	9.9	9.5	9.1	8.7	8.3	7.9
80°	16.8	16.5	16.1	15.6	15.1	14.4	13.8	13.1	12.5	11.8	11.2
77.5°	22.6	22.2	21.7	21.1	20.4	19.6	18.8	17.9	17.1	16.2	15.3
75°	28.6	28.3	27.7	26.9	26.1	25.2	24.1	23.0	21.8	20.6	19.5
72.5°	34.8	34.3	33.7	32.8	31.8	30.7	29.5	28.2	26.8	25.2	23.8
70°	40.7	40.3	39.7	38.9	37.8	36.6	35.2	33.7	32.1	30.4	28.6
67.5°	46.6	46.0	45.3	44.6	43.7	42.6	41.1	39.3	37.5	35.6	33.5
65°	53.1	52.3	51.5	50.7	49.8	48.6	47.1	45.4	43.4	41.0	38.5
62.5°	60.2	59.5	58.3	57.1	55.8	54.5	52.7	50.9	49.0	46.9	43.8
60°	66.7	66.1	64.6	63.0	61.5	59.8	57.9	55.9	53.9	51.5	48.8
57.5°	71.9	70.9	69.5	68.0	66.5	64.6	62.5	60.5	58.3	56.0	53.4
55°	76.4	75.3	73.8	72.2	70.5	68.5	66.4	64.2	62.1	60.2	57.6
52.5°	80.9	79.6	78.0	76.3	74.3	72.2	70.0	67.7	65.7	63.7	61.4
50°	85.9	84.1	82.2	80.2	78.2	75.9	73.5	71.0	69.1	67.0	64.8
47.5°	91.2	89.1	86.9	84.6	82.2	79.7	77.1	74.5	72.3	70.2	67.9
45°	97.4	94.8	91.8	89.2	86.5	83.7	80.9	78.2	75.5	73.1	70.9
42.5°	104.7	101.5	98.2	94.6	91.0	87.9	84.7	81.8	78.8	76.0	73.4
40°	113.8	109.2	105.3	100.9	96.6	92.3	88.9	85.3	82.1	78.8	75.9
37.5°	125.8	119.4	113.8	108.1	102.9	97.8	93.4	89.4	85.3	81.8	78.5
35°	142.1	133.0	124.3	116.9	110.0	104.0	98.3	93.6	89.1	84.9	81.2
32.5°	165.0	151.8	137.8	127.7	118.3	110.5	103.8	97.9	92.8	88.2	83.9
30°	201.0	177.8	157.8	140.8	128.6	118.0	109.4	102.5	96.5	91.3	86.6
27.5°	259.7	212.3	184.7	159.3	140.5	127.2	116.1	107.1	100.1	94.4	89.3
25°	355.0	274.9	218.9	183.9	156.6	137.0	123.2	112.5	104.0	97.2	91.1
22.5°	494.4	369.4	273.2	212.1	176.4	150.4	131.7	117.8	107.4	99.6	93.0
20°	714.3	491.3	352.2	257.8	199.6	163.3	140.7	124.1	111.7	102.2	94.7
17.5°	977.7	679.9	441.7	307.0	229.7	181.8	151.1	130.1	115.4	104.5	96.1
15°	1243.2	877.1	579.2	378.4	262.5	198.0	160.1	135.4	119.1	107.1	97.8
12.5°	1536.3	1088.5	701.1	437.3	296.3	217.5	171.6	142.4	123.1	109.6	99.5
10°	1789.4	1285.9	847.7	531.8	340.7	238.0	182.1	148.3	126.4	111.7	100.8
7.5°	2017.4	1454.5	970.7	605.5	375.2	254.3	190.5	153.1	128.9	113.2	101.7
5°	2179.2	1583.3	1069.6	661.2	399.9	265.5	196.4	156.5	130.5	114.1	102.2
2.5°	2280.2	1660.9	1134.1	694.4	412.0	271.7	200.1	158.4	131.9	115.2	102.5
0°	2289.4	1655.4	1143.2	710.4	404.3	272.8	201.8	158.8	132.7	115.8	102.4
-2.5°	2280.2	1660.9	1134.1	694.4	412.0	271.7	200.1	158.4	131.9	115.2	102.5
-5°	2179.2	1583.3	1069.6	661.2	399.9	265.5	196.4	156.5	130.5	114.1	102.2
-7.5°	2017.4	1454.5	970.7	605.5	375.2	254.3	190.5	153.1	128.9	113.2	101.7
-10°	1789.4	1285.9	847.7	531.8	340.7	238.0	182.1	148.3	126.4	111.7	100.8
-12.5°	1536.3	1088.5	701.1	437.3	296.3	217.5	171.6	142.4	123.1	109.6	99.5
-15°	1243.2	877.1	579.2	378.4	262.5	198.0	160.1	135.4	119.1	107.1	97.8
-17.5°	977.7	679.9	441.7	307.0	229.7	181.8	151.1	130.1	115.4	104.5	96.1
-20°	714.3	491.3	352.2	257.8	199.6	163.3	140.7	124.1	111.7	102.2	94.7

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	494.4	369.4	273.2	212.1	176.4	150.4	131.7	117.8	107.4	99.6	93.0
-25°	355.0	274.9	218.9	183.9	156.6	137.0	123.2	112.5	104.0	97.2	91.1
-27.5°	259.7	212.3	184.7	159.3	140.5	127.2	116.1	107.1	100.1	94.4	89.3
-30°	201.0	177.8	157.8	140.8	128.6	118.0	109.4	102.5	96.5	91.3	86.6
-32.5°	165.0	151.8	137.8	127.7	118.3	110.5	103.8	97.9	92.8	88.2	83.9
-35°	142.1	133.0	124.3	116.9	110.0	104.0	98.3	93.6	89.1	84.9	81.2
-37.5°	125.8	119.4	113.8	108.1	102.9	97.8	93.4	89.4	85.3	81.8	78.5
-40°	113.8	109.2	105.3	100.9	96.6	92.3	88.9	85.3	82.1	78.8	75.9
-42.5°	104.7	101.5	98.2	94.6	91.0	87.9	84.7	81.8	78.8	76.0	73.4
-45°	97.4	94.8	91.8	89.2	86.5	83.7	80.9	78.2	75.5	73.1	70.9
-47.5°	91.2	89.1	86.9	84.6	82.2	79.7	77.1	74.5	72.3	70.2	67.9
-50°	85.9	84.1	82.2	80.2	78.2	75.9	73.5	71.0	69.1	67.0	64.8
-52.5°	80.9	79.6	78.0	76.3	74.3	72.2	70.0	67.7	65.7	63.7	61.4
-55°	76.4	75.3	73.8	72.2	70.5	68.5	66.4	64.2	62.1	60.2	57.6
-57.5°	71.9	70.9	69.5	68.0	66.5	64.6	62.5	60.5	58.3	56.0	53.4
-60°	66.7	66.1	64.6	63.0	61.5	59.8	57.9	55.9	53.9	51.5	48.8
-62.5°	60.2	59.5	58.3	57.1	55.8	54.5	52.7	50.9	49.0	46.9	43.8
-65°	53.1	52.3	51.5	50.7	49.8	48.6	47.1	45.4	43.4	41.0	38.5
-67.5°	46.6	46.0	45.3	44.6	43.7	42.6	41.1	39.3	37.5	35.6	33.5
-70°	40.7	40.3	39.7	38.9	37.8	36.6	35.2	33.7	32.1	30.4	28.6
-72.5°	34.8	34.3	33.7	32.8	31.8	30.7	29.5	28.2	26.8	25.2	23.8
-75°	28.6	28.3	27.7	26.9	26.1	25.2	24.1	23.0	21.8	20.6	19.5
-77.5°	22.6	22.2	21.7	21.1	20.4	19.6	18.8	17.9	17.1	16.2	15.3
-80°	16.8	16.5	16.1	15.6	15.1	14.4	13.8	13.1	12.5	11.8	11.2
-82.5°	11.4	11.3	11.2	10.8	10.3	9.9	9.5	9.1	8.7	8.3	7.9
-85°	6.4	6.4	6.4	6.2	6.0	5.8	5.5	5.3	5.0	4.7	4.4
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	4.1	3.8	3.5	3.1	2.8	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	7.4	6.9	6.4	5.9	5.4	4.8	4.3	3.7	3.1	2.5	2.2
80°	10.6	10.0	9.4	8.7	8.0	7.3	6.5	5.7	4.9	4.1	3.3
77.5°	14.3	13.3	12.3	11.4	10.6	9.8	8.9	7.8	6.7	5.6	4.6
75°	18.4	17.2	15.9	14.7	13.5	12.3	11.2	10.0	8.6	7.1	5.9
72.5°	22.5	21.2	19.7	18.1	16.7	15.3	13.8	12.2	10.6	8.9	7.2
70°	26.9	25.2	23.6	21.8	20.0	18.2	16.5	14.6	12.5	10.6	8.7
67.5°	31.5	29.4	27.5	25.5	23.5	21.4	19.2	17.0	14.7	12.4	10.2
65°	36.1	33.7	31.3	29.1	26.8	24.5	22.1	19.4	16.8	14.3	11.7
62.5°	40.9	38.1	35.4	32.7	30.2	27.6	25.0	21.9	19.0	16.1	13.3
60°	45.7	42.5	39.4	36.4	33.5	30.6	27.6	24.3	21.1	18.0	14.9
57.5°	50.3	46.8	43.3	40.0	36.8	33.6	30.3	26.7	23.2	19.8	16.5
55°	54.7	51.1	47.1	43.4	40.0	36.6	32.8	29.0	25.2	21.5	18.0
52.5°	58.6	55.0	50.8	46.6	42.8	39.3	35.3	31.3	27.2	23.2	19.5
50°	62.2	58.6	54.3	49.9	45.6	41.6	37.6	33.4	29.2	24.8	20.9
47.5°	65.3	61.8	57.6	52.9	48.3	43.9	39.7	35.4	31.1	26.5	22.2
45°	68.1	64.9	60.8	55.9	50.9	46.2	41.7	37.3	32.8	28.2	23.5
42.5°	70.7	67.6	63.8	58.9	53.5	48.4	43.6	39.0	34.4	29.7	24.8
40°	73.0	69.9	66.7	61.7	56.0	50.4	45.5	40.6	35.9	31.1	26.1
37.5°	75.4	72.2	68.7	64.2	58.3	52.6	47.2	42.2	37.3	32.4	27.3
35°	77.8	74.3	70.6	66.3	60.5	54.5	48.8	43.6	38.6	33.6	28.4
32.5°	80.0	76.3	72.3	68.0	62.6	56.3	50.4	45.0	39.9	34.7	29.5
30°	82.3	77.9	73.8	69.7	64.4	58.0	51.9	46.4	41.1	35.8	30.4
27.5°	84.0	79.2	75.1	71.1	65.9	59.6	53.4	47.6	42.1	36.7	31.2
25°	85.5	80.6	76.3	72.2	67.4	61.3	54.8	48.7	43.1	37.6	32.0
22.5°	87.1	81.7	77.2	73.1	68.8	62.7	56.1	49.8	44.0	38.4	32.7
20°	88.4	82.6	78.0	74.0	69.8	63.9	57.3	50.8	44.8	39.0	33.3
17.5°	89.5	83.6	78.8	74.7	70.4	64.9	58.3	51.7	45.5	39.6	33.8
15°	90.7	84.6	79.5	75.2	71.0	65.7	59.2	52.4	46.1	40.1	34.3
12.5°	91.7	85.3	80.0	75.6	71.5	66.3	59.9	53.0	46.5	40.6	34.8
10°	92.5	85.8	80.4	75.8	71.8	66.8	60.5	53.6	47.1	41.0	35.1
7.5°	93.0	86.1	80.6	75.9	72.1	67.2	61.1	54.2	47.6	41.4	35.4
5°	93.4	86.2	80.7	76.2	72.2	67.6	61.5	54.6	48.0	41.6	35.6
2.5°	93.8	86.3	80.8	76.3	72.2	67.8	61.7	55.0	48.3	41.8	35.8
0°	94.0	86.1	80.6	76.4	72.1	67.9	61.8	55.2	48.5	41.8	35.8
-2.5°	93.8	86.3	80.8	76.3	72.2	67.8	61.7	55.0	48.3	41.8	35.8
-5°	93.4	86.2	80.7	76.2	72.2	67.6	61.5	54.6	48.0	41.6	35.6
-7.5°	93.0	86.1	80.6	75.9	72.1	67.2	61.1	54.2	47.6	41.4	35.4
-10°	92.5	85.8	80.4	75.8	71.8	66.8	60.5	53.6	47.1	41.0	35.1
-12.5°	91.7	85.3	80.0	75.6	71.5	66.3	59.9	53.0	46.5	40.6	34.8
-15°	90.7	84.6	79.5	75.2	71.0	65.7	59.2	52.4	46.1	40.1	34.3
-17.5°	89.5	83.6	78.8	74.7	70.4	64.9	58.3	51.7	45.5	39.6	33.8
-20°	88.4	82.6	78.0	74.0	69.8	63.9	57.3	50.8	44.8	39.0	33.3

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	87.1	81.7	77.2	73.1	68.8	62.7	56.1	49.8	44.0	38.4	32.7
-25°	85.5	80.6	76.3	72.2	67.4	61.3	54.8	48.7	43.1	37.6	32.0
-27.5°	84.0	79.2	75.1	71.1	65.9	59.6	53.4	47.6	42.1	36.7	31.2
-30°	82.3	77.9	73.8	69.7	64.4	58.0	51.9	46.4	41.1	35.8	30.4
-32.5°	80.0	76.3	72.3	68.0	62.6	56.3	50.4	45.0	39.9	34.7	29.5
-35°	77.8	74.3	70.6	66.3	60.5	54.5	48.8	43.6	38.6	33.6	28.4
-37.5°	75.4	72.2	68.7	64.2	58.3	52.6	47.2	42.2	37.3	32.4	27.3
-40°	73.0	69.9	66.7	61.7	56.0	50.4	45.5	40.6	35.9	31.1	26.1
-42.5°	70.7	67.6	63.8	58.9	53.5	48.4	43.6	39.0	34.4	29.7	24.8
-45°	68.1	64.9	60.8	55.9	50.9	46.2	41.7	37.3	32.8	28.2	23.5
-47.5°	65.3	61.8	57.6	52.9	48.3	43.9	39.7	35.4	31.1	26.5	22.2
-50°	62.2	58.6	54.3	49.9	45.6	41.6	37.6	33.4	29.2	24.8	20.9
-52.5°	58.6	55.0	50.8	46.6	42.8	39.3	35.3	31.3	27.2	23.2	19.5
-55°	54.7	51.1	47.1	43.4	40.0	36.6	32.8	29.0	25.2	21.5	18.0
-57.5°	50.3	46.8	43.3	40.0	36.8	33.6	30.3	26.7	23.2	19.8	16.5
-60°	45.7	42.5	39.4	36.4	33.5	30.6	27.6	24.3	21.1	18.0	14.9
-62.5°	40.9	38.1	35.4	32.7	30.2	27.6	25.0	21.9	19.0	16.1	13.3
-65°	36.1	33.7	31.3	29.1	26.8	24.5	22.1	19.4	16.8	14.3	11.7
-67.5°	31.5	29.4	27.5	25.5	23.5	21.4	19.2	17.0	14.7	12.4	10.2
-70°	26.9	25.2	23.6	21.8	20.0	18.2	16.5	14.6	12.5	10.6	8.7
-72.5°	22.5	21.2	19.7	18.1	16.7	15.3	13.8	12.2	10.6	8.9	7.2
-75°	18.4	17.2	15.9	14.7	13.5	12.3	11.2	10.0	8.6	7.1	5.9
-77.5°	14.3	13.3	12.3	11.4	10.6	9.8	8.9	7.8	6.7	5.6	4.6
-80°	10.6	10.0	9.4	8.7	8.0	7.3	6.5	5.7	4.9	4.1	3.3
-82.5°	7.4	6.9	6.4	5.9	5.4	4.8	4.3	3.7	3.1	2.5	2.2
-85°	4.1	3.8	3.5	3.1	2.8	2.4	2.2	2.0	1.8	1.6	1.4
-87.5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.5	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	3.6	2.7	2.1	1.6	1.0	0.5	0.0
75°	4.7	3.6	2.5	1.9	1.2	0.6	0.0
72.5°	5.8	4.5	3.2	2.2	1.4	0.7	0.0
70°	6.9	5.4	4.0	2.5	1.6	0.8	0.0
67.5°	8.2	6.3	4.7	3.0	1.8	0.9	0.0
65°	9.5	7.2	5.3	3.5	2.0	1.0	0.0
62.5°	10.7	8.3	6.0	4.0	2.2	1.1	0.0
60°	12.0	9.3	6.7	4.5	2.4	1.2	0.0
57.5°	13.3	10.3	7.5	5.0	2.7	1.3	0.0
55°	14.6	11.3	8.2	5.5	3.0	1.4	0.0
52.5°	15.8	12.3	9.0	5.9	3.3	1.5	0.0
50°	17.0	13.2	9.7	6.4	3.6	1.5	0.0
47.5°	18.1	14.2	10.5	6.8	3.9	1.6	0.0
45°	19.3	15.1	11.1	7.3	4.2	1.7	0.0
42.5°	20.3	15.9	11.8	7.8	4.4	1.8	0.0
40°	21.3	16.7	12.4	8.3	4.7	1.8	0.0
37.5°	22.3	17.5	13.0	8.7	4.9	1.9	0.0
35°	23.2	18.2	13.6	9.1	5.1	2.0	0.0
32.5°	24.1	19.0	14.1	9.5	5.4	2.0	0.0
30°	24.9	19.6	14.6	9.8	5.5	2.1	0.0
27.5°	25.6	20.2	15.1	10.1	5.7	2.1	0.0
25°	26.3	20.8	15.5	10.4	5.9	2.2	0.0
22.5°	26.9	21.3	15.9	10.7	6.0	2.2	0.0
20°	27.5	21.7	16.2	10.9	6.2	2.3	0.0
17.5°	28.0	22.1	16.5	11.1	6.3	2.3	0.0
15°	28.4	22.4	16.8	11.2	6.4	2.3	0.0
12.5°	28.8	22.6	17.0	11.3	6.5	2.3	0.0
10°	29.1	22.8	17.2	11.4	6.6	2.4	0.0
7.5°	29.4	23.0	17.4	11.5	6.6	2.4	0.0
5°	29.5	23.0	17.5	11.5	6.7	2.4	0.0
2.5°	29.7	23.0	17.6	11.5	6.7	2.4	0.0
0°	29.7	23.0	17.6	11.5	6.7	2.4	0.0
-2.5°	29.7	23.0	17.6	11.5	6.7	2.4	0.0
-5°	29.5	23.0	17.5	11.5	6.7	2.4	0.0
-7.5°	29.4	23.0	17.4	11.5	6.6	2.4	0.0
-10°	29.1	22.8	17.2	11.4	6.6	2.4	0.0
-12.5°	28.8	22.6	17.0	11.3	6.5	2.3	0.0
-15°	28.4	22.4	16.8	11.2	6.4	2.3	0.0
-17.5°	28.0	22.1	16.5	11.1	6.3	2.3	0.0
-20°	27.5	21.7	16.2	10.9	6.2	2.3	0.0

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CATALOG NUMBER: GFLD-SA1A-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.9	21.3	15.9	10.7	6.0	2.2	0.0
-25°	26.3	20.8	15.5	10.4	5.9	2.2	0.0
-27.5°	25.6	20.2	15.1	10.1	5.7	2.1	0.0
-30°	24.9	19.6	14.6	9.8	5.5	2.1	0.0
-32.5°	24.1	19.0	14.1	9.5	5.4	2.0	0.0
-35°	23.2	18.2	13.6	9.1	5.1	2.0	0.0
-37.5°	22.3	17.5	13.0	8.7	4.9	1.9	0.0
-40°	21.3	16.7	12.4	8.3	4.7	1.8	0.0
-42.5°	20.3	15.9	11.8	7.8	4.4	1.8	0.0
-45°	19.3	15.1	11.1	7.3	4.2	1.7	0.0
-47.5°	18.1	14.2	10.5	6.8	3.9	1.6	0.0
-50°	17.0	13.2	9.7	6.4	3.6	1.5	0.0
-52.5°	15.8	12.3	9.0	5.9	3.3	1.5	0.0
-55°	14.6	11.3	8.2	5.5	3.0	1.4	0.0
-57.5°	13.3	10.3	7.5	5.0	2.7	1.3	0.0
-60°	12.0	9.3	6.7	4.5	2.4	1.2	0.0
-62.5°	10.7	8.3	6.0	4.0	2.2	1.1	0.0
-65°	9.5	7.2	5.3	3.5	2.0	1.0	0.0
-67.5°	8.2	6.3	4.7	3.0	1.8	0.9	0.0
-70°	6.9	5.4	4.0	2.5	1.6	0.8	0.0
-72.5°	5.8	4.5	3.2	2.2	1.4	0.7	0.0
-75°	4.7	3.6	2.5	1.9	1.2	0.6	0.0
-77.5°	3.6	2.7	2.1	1.6	1.0	0.5	0.0
-80°	2.5	2.1	1.7	1.2	0.8	0.4	0.0
-82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)