

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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1E-722-U-NR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
 Light Source: (16) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

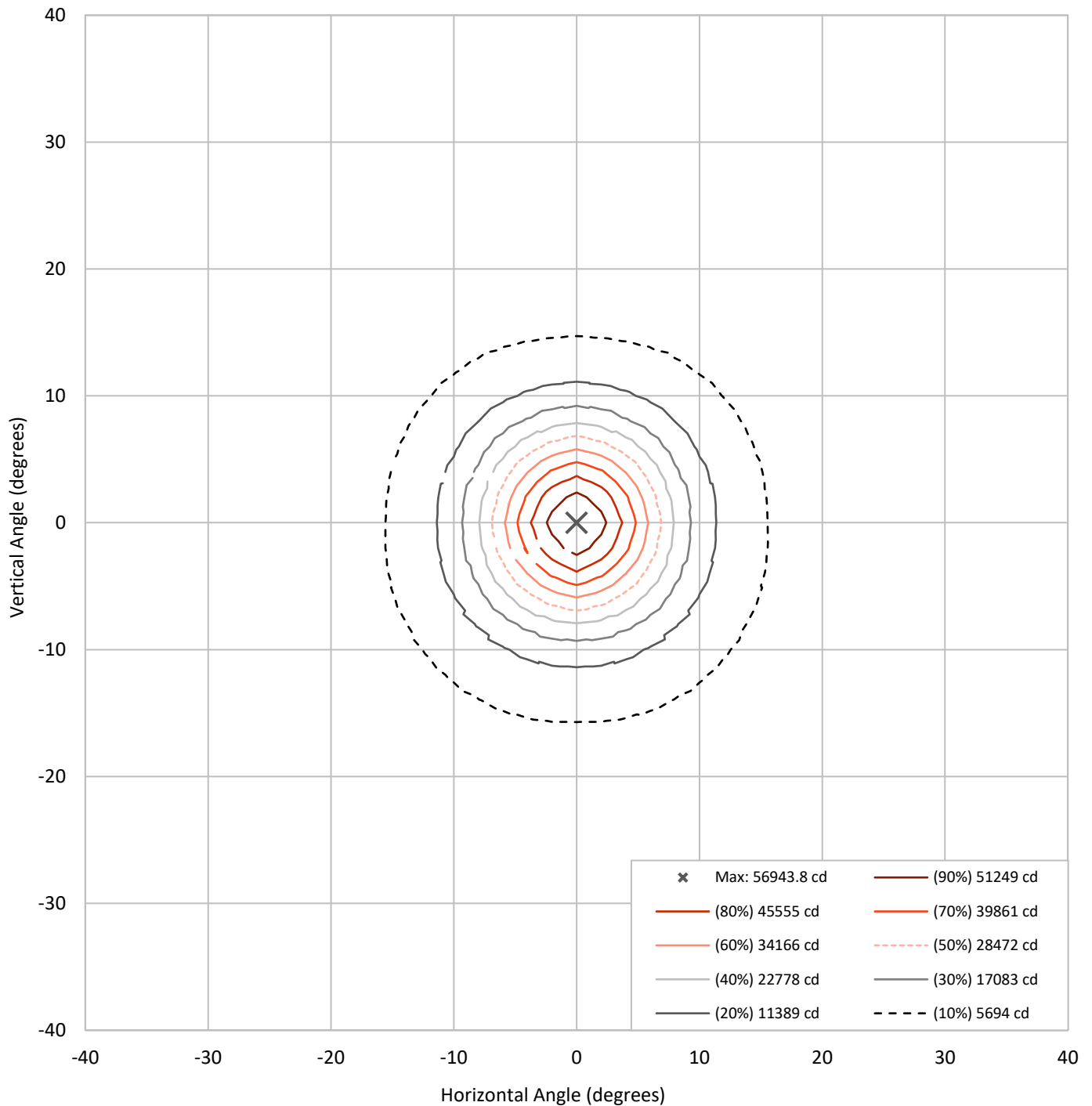
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5617.6 lumens	Max Intensity:	56943.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	1793.4 lumens	Field Lumens:	3994.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	66.2		
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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





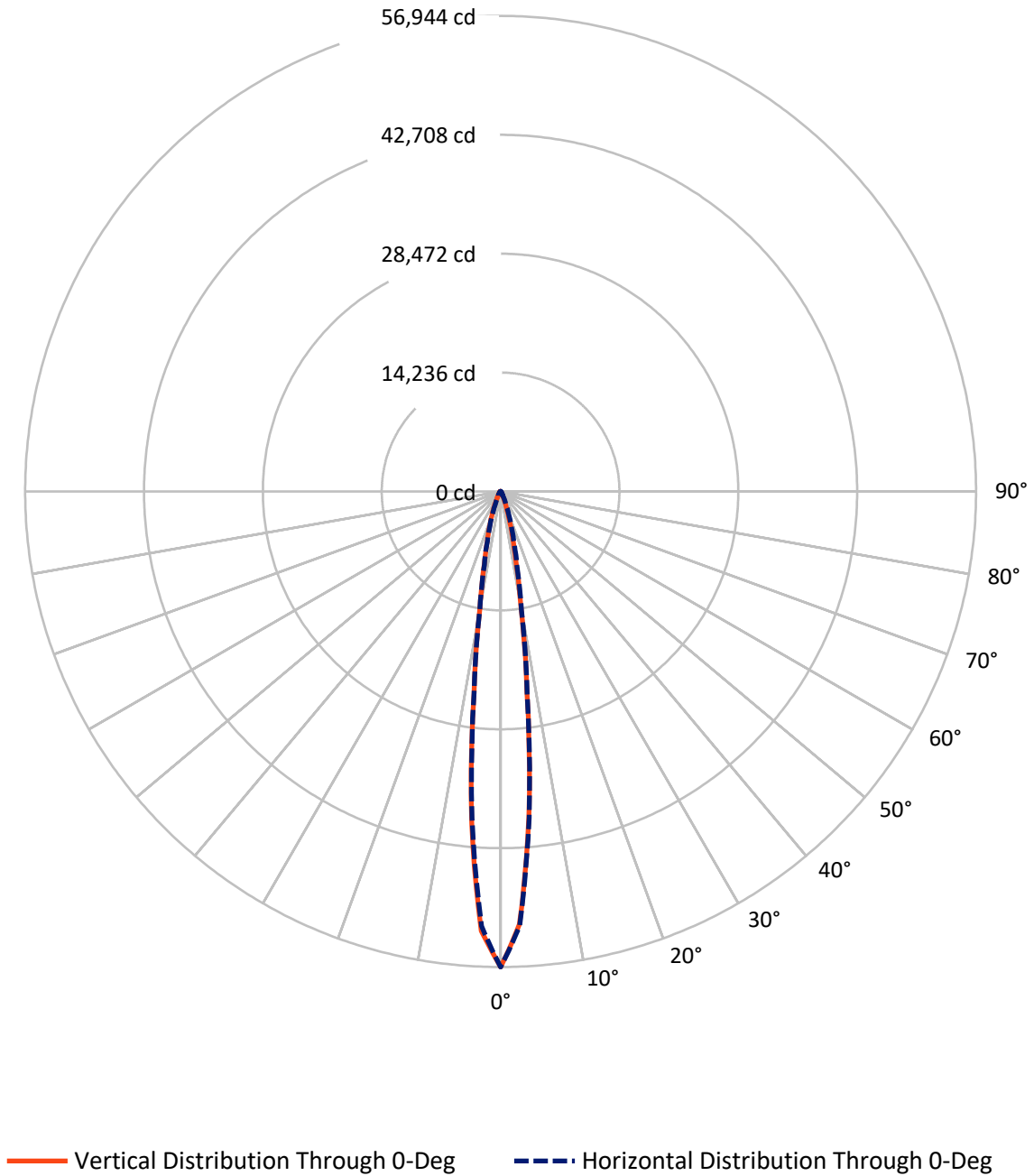
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Lumen Table

90	0.0																
80	0.0																
70	0.0																
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0	0.0	0.0		
40	0.0	0.0	0.2	0.5	0.9	1.3	1.9	2.2	2.2	1.9	1.3	0.9	0.5	0.2	0.0	0.0	
30	0.0	0.1	0.4	1.0	1.7	2.7	4.6	5.8	5.8	4.6	2.7	1.7	1.0	0.4	0.1	0.0	
20	0.0	0.2	0.6	1.4	2.6	5.7	15.3	25.3	25.3	15.3	5.7	2.6	1.4	0.6	0.2	0.0	
10	0.0	0.2	0.9	2.0	4.3	17.1	72.0	158.3	158.3	72.0	17.1	4.3	2.0	0.9	0.2	0.0	
0	0.1	0.3	1.0	2.4	5.9	32.1	172.6	773.9	773.9	172.6	32.1	5.9	2.4	1.0	0.3	0.1	
-10	0.1	0.3	1.1	2.5	6.3	34.2	178.6	787.0	787.0	178.6	34.2	6.3	2.5	1.1	0.3	0.1	
-20	0.1	0.4	1.2	2.4	5.6	21.7	86.7	185.4	185.4	86.7	21.7	5.6	2.4	1.2	0.4	0.1	
-30	0.1	0.4	1.1	2.2	4.3	10.2	26.7	44.5	44.5	26.7	10.2	4.3	2.2	1.1	0.4	0.1	
-40	0.1	0.3	1.0	2.0	3.4	5.6	9.1	11.5	11.5	9.1	5.6	3.4	2.0	1.0	0.3	0.1	
-50	0.1	0.3	0.8	1.6	2.7	3.9	5.2	5.8	5.8	5.2	3.9	2.7	1.6	0.8	0.3	0.1	
-60	0.1	0.2	0.6	1.3	2.1	3.0	3.8	4.1	4.1	3.8	3.0	2.1	1.3	0.6	0.2	0.1	
-70	0.1	0.1	0.4	0.8	1.4	2.1	2.6	2.9	2.9	2.6	2.1	1.4	0.8	0.4	0.1	0.1	
-80	0.0	0.3		1.4		3.1		3.9		3.1		1.4		0.3		0.0	
-90	0.0																

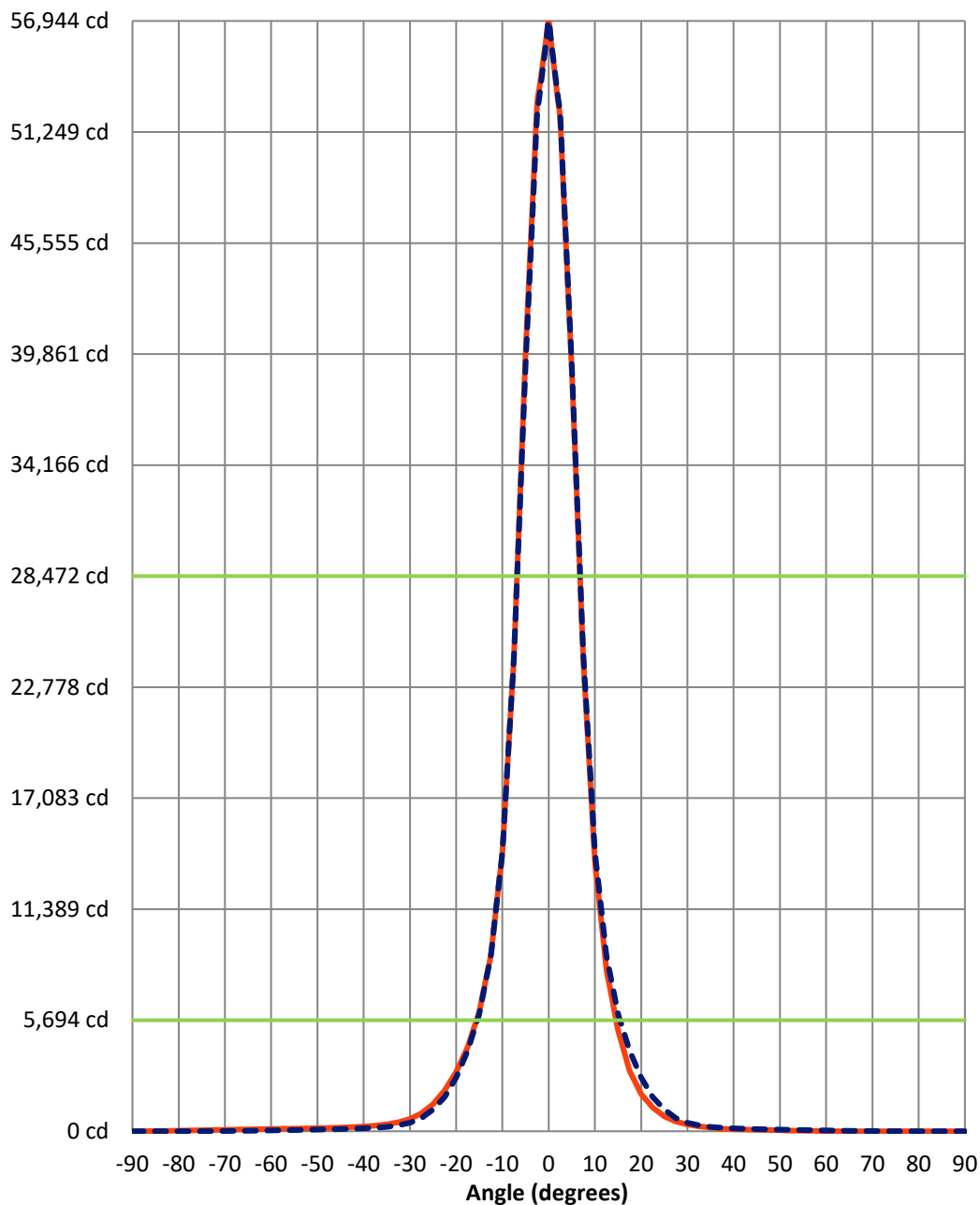
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 1793.4
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 3994.5
 Efficiency: 71.1%

Spill:
 Lumens: 1623.1
 Efficiency: 28.9%

— 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.3	0.1	0.4	0.5	0.4	0.2
67.5°	0.0	0.2	0.1	0.1	0.4	0.4	0.4	0.7	0.8	0.5	0.2
65°	0.0	0.3	0.1	0.3	0.5	0.5	0.7	1.0	0.8	0.5	0.4
62.5°	0.0	0.3	0.1	0.4	0.6	0.7	0.9	1.1	0.9	0.6	0.8
60°	0.0	0.3	0.2	0.5	0.8	0.8	1.2	1.2	0.9	0.9	1.1
57.5°	0.0	0.4	0.3	0.6	0.8	1.0	1.2	1.2	1.0	1.1	1.2
55°	0.0	0.4	0.4	0.8	0.9	1.1	1.2	1.2	1.1	1.2	1.2
52.5°	0.0	0.4	0.5	0.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2
50°	0.0	0.5	0.5	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.4
47.5°	0.0	0.5	0.6	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.7
45°	0.0	0.5	0.7	1.2	1.2	1.2	1.2	1.2	1.2	1.5	2.0
42.5°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.2	1.3	1.8	2.7
40°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.3	1.5	2.2	3.4
37.5°	0.0	0.7	0.9	1.2	1.2	1.2	1.2	1.5	1.9	2.8	4.2
35°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.6	2.4	3.5	5.2
32.5°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.8	2.9	4.3	6.4
30°	0.0	0.8	1.0	1.2	1.2	1.2	1.4	2.0	3.3	5.0	7.8
27.5°	0.0	0.8	1.1	1.2	1.2	1.2	1.5	2.4	3.9	5.7	9.2
25°	0.0	0.9	1.1	1.2	1.2	1.2	1.6	2.8	4.4	6.7	10.8
22.5°	0.0	0.9	1.1	1.2	1.2	1.2	1.8	3.2	5.0	7.9	12.7
20°	0.0	0.9	1.2	1.2	1.2	1.3	1.9	3.5	5.5	9.1	14.4
17.5°	0.0	1.0	1.2	1.2	1.2	1.4	2.2	3.9	6.0	10.4	15.9
15°	0.0	1.0	1.2	1.2	1.2	1.5	2.4	4.3	6.4	11.6	17.3
12.5°	0.0	1.0	1.2	1.2	1.2	1.7	2.6	4.7	7.0	12.8	18.6
10°	0.0	1.1	1.2	1.2	1.2	1.8	2.8	5.0	7.8	13.9	19.7
7.5°	0.0	1.1	1.2	1.2	1.2	2.0	3.1	5.3	8.6	14.9	20.7
5°	0.0	1.1	1.2	1.2	1.2	2.1	3.3	5.6	9.4	15.7	21.5
2.5°	0.0	1.2	1.2	1.2	1.2	2.3	3.4	5.8	10.1	16.3	22.3
0°	0.0	1.2	1.2	1.2	1.2	2.4	3.6	6.0	10.8	16.9	22.9
-2.5°	0.0	1.2	1.2	1.2	1.3	2.5	3.9	6.4	11.4	17.3	23.7
-5°	0.0	1.2	1.2	1.2	1.4	2.6	4.2	6.7	12.0	17.7	24.3
-7.5°	0.0	1.2	1.2	1.2	1.5	2.7	4.5	7.0	12.4	18.0	24.8
-10°	0.0	1.2	1.2	1.2	1.6	2.8	4.7	7.2	12.7	18.2	25.1
-12.5°	0.0	1.2	1.2	1.2	1.7	2.9	4.9	7.5	13.0	18.3	25.6
-15°	0.0	1.2	1.2	1.2	1.7	3.0	5.1	7.6	13.0	18.7	26.0
-17.5°	0.0	1.1	1.2	1.2	1.8	3.0	5.2	7.8	12.9	18.9	26.2
-20°	0.0	1.1	1.2	1.2	1.8	3.1	5.2	8.0	12.7	18.9	26.2

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REPORT NUMBER: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	1.2	1.2	1.8	3.1	5.3	8.1	12.4	18.7	25.8
-25°	0.0	1.1	1.2	1.2	1.8	3.2	5.3	8.1	12.0	18.2	25.3
-27.5°	0.0	1.1	1.2	1.2	1.8	3.3	5.3	8.1	11.6	17.6	24.7
-30°	0.0	1.0	1.2	1.2	1.8	3.3	5.3	8.0	11.3	17.0	23.9
-32.5°	0.0	1.0	1.2	1.2	1.8	3.3	5.2	7.9	11.2	16.2	22.8
-35°	0.0	1.0	1.2	1.2	1.7	3.3	5.2	7.8	10.9	15.4	21.3
-37.5°	0.0	1.0	1.2	1.2	1.7	3.3	5.2	7.7	10.6	14.4	20.5
-40°	0.0	0.9	1.2	1.2	1.6	3.2	5.1	7.5	10.2	13.8	19.8
-42.5°	0.0	0.9	1.2	1.2	1.6	3.1	5.0	7.3	9.9	13.5	18.8
-45°	0.0	0.8	1.2	1.2	1.7	3.0	4.9	7.0	9.6	13.0	17.8
-47.5°	0.0	0.8	1.2	1.3	1.7	2.9	4.7	6.8	9.2	12.5	17.1
-50°	0.0	0.8	1.2	1.3	1.7	2.7	4.4	6.5	8.9	12.0	16.2
-52.5°	0.0	0.7	1.2	1.3	1.7	2.4	4.2	6.2	8.5	11.3	15.1
-55°	0.0	0.7	1.2	1.3	1.7	2.4	3.8	5.7	7.9	10.5	14.1
-57.5°	0.0	0.6	1.2	1.3	1.7	2.3	3.5	5.3	7.4	9.7	12.8
-60°	0.0	0.6	1.2	1.3	1.6	2.2	3.1	4.8	6.7	8.9	11.4
-62.5°	0.0	0.6	1.1	1.3	1.6	2.2	3.0	4.2	6.0	8.1	10.4
-65°	0.0	0.5	1.0	1.3	1.5	2.0	2.8	3.7	5.3	7.2	9.2
-67.5°	0.0	0.5	0.9	1.2	1.5	1.9	2.6	3.4	4.5	6.2	8.0
-70°	0.0	0.4	0.8	1.2	1.4	1.8	2.3	3.1	4.0	5.1	6.8
-72.5°	0.0	0.4	0.7	1.1	1.3	1.6	2.1	2.7	3.5	4.5	5.6
-75°	0.0	0.3	0.6	0.9	1.2	1.4	1.8	2.4	3.0	3.8	4.7
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.0	2.6	3.1	3.8
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.2	2.7	3.2
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.3	1.8	2.3	2.7
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.2	1.6	2.0
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.8	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.3	0.4	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.6	0.8	0.6	0.3	0.0	0.3	0.4	0.3	0.0	0.0	0.0
62.5°	1.1	0.9	0.7	0.5	0.7	0.9	0.7	0.4	0.1	0.6	0.8
60°	1.2	1.0	0.8	1.0	1.2	1.1	0.8	1.2	1.8	2.2	2.7
57.5°	1.2	1.1	1.1	1.3	1.4	1.4	2.1	2.8	4.0	5.0	5.6
55°	1.2	1.2	1.4	1.6	2.0	2.9	3.9	5.5	6.8	8.8	10.5
52.5°	1.4	1.4	1.8	2.5	3.6	5.0	6.8	9.1	11.7	13.7	15.7
50°	1.6	2.0	2.6	4.1	5.7	7.8	10.9	14.2	16.4	18.6	21.5
47.5°	2.1	2.7	4.2	6.0	8.3	11.7	16.0	18.4	20.5	23.9	27.5
45°	2.9	4.1	5.9	8.4	11.7	16.4	19.7	21.6	25.3	29.3	33.5
42.5°	3.7	5.6	8.2	10.8	15.9	20.3	23.3	26.4	30.2	34.9	39.4
40°	5.0	7.2	10.6	14.8	19.9	24.3	28.0	31.6	35.3	41.4	46.2
37.5°	6.3	9.5	13.4	18.6	23.9	28.6	32.9	37.4	42.6	49.4	53.8
35°	7.6	11.9	16.7	22.2	27.9	33.2	38.3	43.5	50.3	56.8	62.0
32.5°	9.4	14.4	19.8	25.7	31.6	37.6	43.8	50.0	56.7	63.4	70.1
30°	11.8	17.1	22.7	29.0	35.0	42.0	49.1	55.7	62.5	69.4	77.1
27.5°	14.1	19.6	25.6	32.0	38.3	46.2	53.9	60.8	67.8	75.3	84.0
25°	16.2	22.0	28.4	34.7	42.0	50.5	59.0	67.0	72.8	81.4	91.6
22.5°	18.3	24.5	31.3	37.1	45.6	54.9	64.7	73.3	80.3	87.9	99.5
20°	20.3	27.0	34.0	40.6	49.2	59.3	70.9	79.7	88.4	98.2	110.1
17.5°	22.2	29.3	36.7	44.5	53.6	64.0	77.2	86.2	96.6	108.3	123.2
15°	24.0	31.5	39.4	48.1	57.6	68.8	81.5	92.8	105.1	118.7	136.2
12.5°	25.7	33.5	42.1	51.5	61.1	72.8	85.1	97.1	111.3	129.0	151.2
10°	27.3	35.3	44.7	54.6	64.1	76.3	88.2	100.8	115.7	135.2	160.6
7.5°	28.6	37.1	47.1	57.4	66.7	79.2	91.0	103.8	119.4	140.3	166.9
5°	29.7	39.0	49.3	59.2	68.9	81.6	93.3	106.2	122.3	144.3	171.4
2.5°	30.6	40.7	51.3	60.5	70.7	83.8	95.1	108.8	125.4	147.4	175.7
0°	31.3	42.2	53.0	61.5	72.3	85.6	96.4	110.9	127.8	149.5	179.6
-2.5°	32.8	43.5	54.0	62.6	74.0	85.9	97.3	111.2	128.7	151.1	180.3
-5°	34.0	44.5	54.7	63.5	75.2	85.9	97.6	110.9	129.0	151.9	181.6
-7.5°	35.0	45.2	55.2	64.2	75.9	86.2	98.2	111.8	129.9	152.7	183.3
-10°	35.6	45.8	55.6	65.0	76.0	86.6	98.4	112.0	129.7	152.2	182.4
-12.5°	35.9	46.1	55.8	65.5	76.0	86.6	98.1	111.5	128.4	150.3	178.7
-15°	36.0	46.2	55.8	65.5	75.8	86.1	97.4	110.2	126.0	147.1	172.8
-17.5°	35.9	46.2	55.6	65.1	75.5	85.1	96.1	108.5	123.6	143.3	168.1
-20°	35.6	45.9	55.1	64.3	75.1	84.2	95.0	106.9	121.1	138.9	161.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	35.1	45.5	54.5	63.4	73.8	83.3	93.4	104.8	117.5	133.6	153.3
-25°	34.5	44.6	53.8	62.7	72.3	82.0	91.4	102.2	113.9	129.4	147.2
-27.5°	33.7	43.6	52.7	61.8	70.7	80.3	89.5	99.7	111.3	124.9	140.8
-30°	32.6	42.2	51.3	60.5	69.3	78.3	87.2	96.9	107.8	120.7	135.3
-32.5°	31.2	40.5	49.4	58.5	67.7	76.2	84.7	94.0	104.2	115.5	129.4
-35°	29.8	38.7	47.5	56.1	65.8	74.0	82.1	90.7	100.2	110.7	122.0
-37.5°	28.4	36.8	45.4	53.5	62.6	71.3	79.1	87.3	96.1	105.7	116.0
-40°	27.0	34.8	43.1	51.1	59.1	67.9	75.7	83.6	91.7	101.4	110.6
-42.5°	25.5	33.1	40.8	48.6	56.2	64.1	71.9	79.5	88.1	97.2	106.2
-45°	24.3	31.3	38.5	46.1	53.6	60.7	68.0	75.0	83.8	92.9	101.7
-47.5°	22.8	29.5	36.4	43.3	50.7	57.8	64.4	71.5	78.9	87.5	96.7
-50°	21.3	27.6	34.0	40.5	47.5	54.6	61.3	67.8	74.8	81.9	89.9
-52.5°	20.0	25.5	31.4	37.4	44.0	51.0	57.7	64.3	70.7	77.4	84.2
-55°	18.5	23.5	28.7	34.3	40.1	46.8	53.5	59.9	66.5	72.7	79.3
-57.5°	16.8	21.3	26.1	31.3	36.6	42.1	48.5	54.9	61.1	67.4	74.3
-60°	14.9	18.9	23.3	28.0	33.2	38.2	43.5	49.4	55.4	61.4	67.7
-62.5°	12.9	16.4	20.3	24.5	29.2	34.1	38.9	44.0	49.3	54.5	60.0
-65°	11.6	14.1	17.4	21.1	24.9	29.3	33.9	38.5	43.3	47.7	51.9
-67.5°	10.1	12.4	14.8	17.6	21.1	24.8	28.4	32.6	36.8	40.9	44.8
-70°	8.6	10.6	12.8	15.1	17.6	20.6	24.0	27.3	30.6	34.0	37.7
-72.5°	7.1	8.8	10.7	12.7	14.8	17.2	19.8	22.7	25.6	28.4	31.2
-75°	5.8	6.9	8.5	10.2	12.0	13.9	15.8	18.1	20.5	23.0	25.4
-77.5°	4.8	5.8	6.9	7.9	9.2	11.0	12.7	14.4	16.1	17.9	19.9
-80°	3.9	4.7	5.6	6.6	7.5	8.5	9.7	11.1	12.3	13.5	14.9
-82.5°	3.2	3.9	4.5	5.3	5.8	6.3	7.0	7.7	8.6	9.4	10.3
-85°	2.5	3.0	3.4	3.9	4.2	4.5	4.8	5.1	5.6	6.1	6.6
-87.5°	1.2	1.5	1.8	2.1	2.2	2.3	2.4	2.5	2.9	3.2	3.6
-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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	0.7	0.6	0.9	1.2	1.4	1.3	1.2	1.1	0.9	0.9	1.0
60°	2.9	2.8	3.9	4.5	4.1	2.9	4.5	5.4	5.1	4.4	4.4
57.5°	7.1	8.6	9.7	10.2	11.8	14.4	14.9	14.0	13.7	14.0	16.1
55°	12.3	13.5	14.2	16.3	18.3	19.7	20.5	21.3	22.6	24.1	25.6
52.5°	17.4	19.0	20.3	22.3	24.6	25.4	25.2	28.2	30.5	32.0	32.6
50°	23.8	25.9	28.9	31.9	33.3	34.6	36.0	38.5	42.0	46.4	49.0
47.5°	30.8	34.1	37.2	40.7	42.5	43.9	45.9	50.2	55.3	60.1	62.6
45°	37.1	40.0	43.6	46.6	48.8	51.5	54.5	58.3	64.0	69.0	72.4
42.5°	42.1	45.4	49.1	52.8	55.0	58.6	63.1	68.4	74.3	79.5	83.3
40°	49.2	52.0	57.9	61.4	62.2	65.6	74.6	81.8	88.5	94.9	98.1
37.5°	57.7	63.2	69.4	72.5	75.6	81.6	93.6	105.2	113.7	122.4	127.1
35°	67.4	74.7	83.0	86.7	93.4	106.3	120.5	136.6	156.6	165.0	172.6
32.5°	76.9	85.0	92.6	101.0	112.7	128.1	144.0	170.1	194.5	213.4	227.2
30°	85.3	93.8	103.3	114.1	130.5	151.8	178.4	212.2	246.6	276.6	301.9
27.5°	93.5	103.2	114.6	130.7	153.8	182.6	225.2	273.4	330.7	373.0	423.4
25°	102.6	113.7	128.3	151.6	182.8	225.9	294.0	372.2	466.3	542.5	622.3
22.5°	113.3	129.7	148.2	174.2	228.7	299.8	392.7	526.5	671.2	804.9	933.8
20°	126.2	148.8	178.4	226.2	296.1	401.2	562.8	776.3	989.1	1215.7	1433.8
17.5°	144.7	177.2	223.3	291.3	383.4	591.4	853.5	1183.7	1607.8	1992.2	2327.7
15°	162.1	200.8	273.6	375.3	536.0	811.6	1209.8	1754.7	2415.7	3018.1	3654.4
12.5°	180.3	226.0	309.6	439.1	662.3	1021.2	1580.8	2327.4	3155.1	4062.9	5097.1
10°	194.7	250.3	350.4	514.6	789.7	1236.6	1903.2	2808.6	3908.5	5252.1	6905.2
7.5°	204.5	269.7	384.0	569.8	907.0	1456.9	2259.3	3347.6	4722.6	6502.6	8815.8
5°	212.1	284.5	409.3	620.1	1006.2	1625.0	2523.1	3819.6	5446.1	7831.0	11751.2
2.5°	218.2	295.9	424.9	654.8	1068.4	1742.0	2700.1	4086.6	5876.8	8813.2	13899.0
0°	223.0	306.1	435.1	676.2	1116.1	1753.7	2755.3	4135.4	6031.4	8990.4	14361.3
-2.5°	225.0	311.6	438.7	680.8	1111.4	1773.8	2772.2	4174.4	6025.6	8893.3	13845.0
-5°	228.4	311.6	436.0	676.1	1086.4	1721.9	2662.1	3956.0	5662.1	8128.4	12185.3
-7.5°	230.8	306.6	423.4	645.4	1021.2	1609.6	2468.7	3594.2	5000.4	6873.1	9385.7
-10°	228.6	297.0	402.3	594.1	919.8	1429.3	2174.5	3116.4	4285.2	5673.0	7380.0
-12.5°	220.0	279.4	368.0	522.1	788.5	1227.4	1878.5	2680.5	3545.6	4520.2	5699.8
-15°	209.1	260.5	337.0	472.7	691.1	1027.4	1502.7	2153.3	2847.2	3587.2	4376.3
-17.5°	200.7	243.8	307.2	405.4	566.1	833.4	1207.0	1669.1	2179.1	2742.5	3210.1
-20°	189.2	223.3	276.5	356.7	479.3	656.4	928.5	1264.2	1600.7	1996.8	2319.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	177.7	207.4	247.9	306.6	397.8	531.6	699.7	923.9	1170.0	1397.3	1621.2
-25°	167.0	190.0	222.7	270.8	332.7	424.0	543.7	672.3	834.5	972.9	1126.5
-27.5°	158.4	178.1	202.3	237.5	285.5	344.3	430.0	516.2	601.5	671.3	777.1
-30°	150.1	165.9	186.1	211.3	247.3	292.6	348.1	404.0	453.3	498.2	553.3
-32.5°	141.9	154.8	170.3	191.2	217.0	251.0	285.2	325.3	359.4	391.0	420.3
-35°	133.7	145.2	157.0	174.6	195.2	219.3	244.2	271.3	295.0	316.3	335.1
-37.5°	126.3	136.4	147.5	160.6	177.2	195.4	215.7	235.4	251.0	264.8	276.2
-40°	120.1	129.2	138.7	149.2	161.9	176.2	193.4	209.9	220.9	229.3	236.2
-42.5°	114.5	122.5	130.6	139.6	149.3	161.7	175.3	188.8	196.3	202.8	207.8
-45°	110.0	116.2	123.0	130.6	139.2	149.6	160.3	169.6	176.3	181.9	186.1
-47.5°	104.1	110.0	115.9	122.2	130.2	138.9	147.7	155.0	160.7	165.6	168.8
-50°	97.5	103.8	109.2	114.7	122.1	129.5	136.6	142.5	148.0	152.8	155.3
-52.5°	90.8	97.5	103.2	108.6	114.8	121.2	127.6	132.7	137.5	142.0	143.9
-55°	85.9	92.1	98.0	103.1	108.2	113.3	118.5	123.8	128.6	132.9	134.2
-57.5°	80.7	87.0	92.8	97.3	101.9	106.6	111.4	116.2	120.8	124.9	125.9
-60°	74.3	81.1	86.3	90.6	95.0	99.6	103.8	108.0	112.3	115.9	117.1
-62.5°	66.1	72.4	77.4	82.0	86.3	90.3	94.3	98.3	102.2	105.0	105.9
-65°	56.3	61.6	66.9	71.6	75.9	79.7	83.5	87.1	90.6	93.1	94.3
-67.5°	48.7	52.5	56.7	60.8	65.0	69.0	72.4	75.6	78.6	80.7	82.0
-70°	41.3	44.9	48.8	52.7	56.4	59.6	62.3	65.0	67.5	69.4	70.8
-72.5°	34.1	37.2	40.5	43.9	47.3	50.2	52.7	55.1	57.3	58.9	60.2
-75°	27.7	30.2	33.0	35.8	38.6	40.9	42.9	45.0	46.9	48.3	49.5
-77.5°	22.0	24.1	26.3	28.5	30.7	32.3	33.9	35.4	36.8	37.9	39.0
-80°	16.3	18.0	19.7	21.5	23.2	24.4	25.6	26.7	27.7	28.3	28.9
-82.5°	11.1	12.3	13.5	14.8	16.0	16.9	17.8	18.7	19.6	19.9	20.1
-85°	7.1	7.7	8.3	9.0	9.7	10.2	10.7	11.2	11.7	12.1	12.5
-87.5°	3.9	4.0	4.2	4.3	4.4	4.7	5.1	5.4	5.8	5.9	5.9
-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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.1
60°	4.1	3.7	3.6	3.6	3.6	3.7	4.1	4.4	4.4	5.1	5.4
57.5°	18.3	20.4	21.0	20.5	21.0	20.4	18.3	16.1	14.0	13.7	14.0
55°	26.7	27.3	27.6	27.7	27.6	27.3	26.7	25.6	24.1	22.6	21.3
52.5°	32.7	32.5	32.4	32.5	32.4	32.5	32.7	32.6	32.0	30.5	28.2
50°	49.2	48.3	47.9	48.2	47.9	48.3	49.2	49.0	46.4	42.0	38.5
47.5°	62.9	63.2	63.6	63.9	63.6	63.2	62.9	62.6	60.1	55.3	50.2
45°	73.4	74.0	74.5	74.7	74.5	74.0	73.4	72.4	69.0	64.0	58.3
42.5°	84.2	84.3	84.2	84.4	84.2	84.3	84.2	83.3	79.5	74.3	68.4
40°	99.4	99.7	99.3	98.8	99.3	99.7	99.4	98.1	94.9	88.5	81.8
37.5°	129.9	130.3	128.9	127.8	128.9	130.3	129.9	127.1	122.4	113.7	105.2
35°	179.6	184.8	187.2	188.0	187.2	184.8	179.6	172.6	165.0	156.6	136.6
32.5°	236.7	243.9	247.5	250.7	247.5	243.9	236.7	227.2	213.4	194.5	170.1
30°	318.6	331.8	337.7	345.9	337.7	331.8	318.6	301.9	276.6	246.6	212.2
27.5°	452.1	475.4	488.3	500.2	488.3	475.4	452.1	423.4	373.0	330.7	273.4
25°	680.3	725.1	754.1	767.8	754.1	725.1	680.3	622.3	542.5	466.3	372.2
22.5°	1058.4	1141.0	1204.6	1217.4	1204.6	1141.0	1058.4	933.8	804.9	671.2	526.5
20°	1645.5	1763.6	1859.6	1908.0	1859.6	1763.6	1645.5	1433.8	1215.7	989.1	776.3
17.5°	2727.4	2973.0	3085.2	3103.7	3085.2	2973.0	2727.4	2327.7	1992.2	1607.8	1183.7
15°	4337.0	4752.7	5016.6	5186.5	5016.6	4752.7	4337.0	3654.4	3018.1	2415.7	1754.7
12.5°	6173.6	7354.7	8026.7	8282.9	8026.7	7354.7	6173.6	5097.1	4062.9	3155.1	2327.4
10°	8666.1	11446.6	13050.4	13857.5	13050.4	11446.6	8666.1	6905.2	5252.1	3908.5	2808.6
7.5°	12896.7	17191.0	21949.0	24150.3	21949.0	17191.0	12896.7	8815.8	6502.6	4722.6	3347.6
5°	17344.0	26772.6	35048.2	39011.2	35048.2	26772.6	17344.0	11751.2	7831.0	5446.1	3819.6
2.5°	22455.5	35170.9	46927.3	51870.7	46927.3	35170.9	22455.5	13899.0	8813.2	5876.8	4086.6
0°	24422.7	39234.1	52091.8	56943.8	52091.8	39234.1	24422.7	14361.3	8990.4	6031.4	4135.4
-2.5°	22759.6	35786.9	47129.3	52673.4	47129.3	35786.9	22759.6	13845.0	8893.3	6025.6	4174.4
-5°	18083.7	26920.2	35320.4	39838.0	35320.4	26920.2	18083.7	12185.3	8128.4	5662.1	3956.0
-7.5°	13272.2	18082.8	22747.9	24379.3	22747.9	18082.8	13272.2	9385.7	6873.1	5000.4	3594.2
-10°	9240.4	11995.1	13813.5	14332.4	13813.5	11995.1	9240.4	7380.0	5673.0	4285.2	3116.4
-12.5°	6850.9	8055.8	8894.1	9039.8	8894.1	8055.8	6850.9	5699.8	4520.2	3545.6	2680.5
-15°	5072.9	5685.6	6118.0	6147.1	6118.0	5685.6	5072.9	4376.3	3587.2	2847.2	2153.3
-17.5°	3708.3	4119.6	4337.8	4322.3	4337.8	4119.6	3708.3	3210.1	2742.5	2179.1	1669.1
-20°	2651.7	2899.6	3075.4	3041.0	3075.4	2899.6	2651.7	2319.9	1996.8	1600.7	1264.2



REPORT NUMBER: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1848.9	2013.5	2116.5	2090.0	2116.5	2013.5	1848.9	1621.2	1397.3	1170.0	923.9
-25°	1256.3	1346.0	1397.0	1388.5	1397.0	1346.0	1256.3	1126.5	972.9	834.5	672.3
-27.5°	856.1	903.5	919.3	918.4	919.3	903.5	856.1	777.1	671.3	601.5	516.2
-30°	594.2	626.1	644.3	632.8	644.3	626.1	594.2	553.3	498.2	453.3	404.0
-32.5°	442.9	460.8	471.2	460.4	471.2	460.8	442.9	420.3	391.0	359.4	325.3
-35°	349.0	358.1	361.8	355.6	361.8	358.1	349.0	335.1	316.3	295.0	271.3
-37.5°	284.6	289.9	291.7	288.1	291.7	289.9	284.6	276.2	264.8	251.0	235.4
-40°	241.1	244.4	245.2	242.3	245.2	244.4	241.1	236.2	229.3	220.9	209.9
-42.5°	211.0	212.9	213.3	212.1	213.3	212.9	211.0	207.8	202.8	196.3	188.8
-45°	188.6	190.2	190.5	189.2	190.5	190.2	188.6	186.1	181.9	176.3	169.6
-47.5°	170.4	171.5	171.7	171.2	171.7	171.5	170.4	168.8	165.6	160.7	155.0
-50°	156.5	157.2	157.3	156.7	157.3	157.2	156.5	155.3	152.8	148.0	142.5
-52.5°	144.8	145.3	145.6	145.8	145.6	145.3	144.8	143.9	142.0	137.5	132.7
-55°	135.0	135.7	136.1	136.2	136.1	135.7	135.0	134.2	132.9	128.6	123.8
-57.5°	126.7	127.3	127.7	127.8	127.7	127.3	126.7	125.9	124.9	120.8	116.2
-60°	118.0	118.7	119.1	119.3	119.1	118.7	118.0	117.1	115.9	112.3	108.0
-62.5°	106.6	106.9	107.2	107.3	107.2	106.9	106.6	105.9	105.0	102.2	98.3
-65°	95.3	95.9	96.3	96.4	96.3	95.9	95.3	94.3	93.1	90.6	87.1
-67.5°	83.1	84.0	84.8	85.6	84.8	84.0	83.1	82.0	80.7	78.6	75.6
-70°	72.0	73.1	73.4	73.5	73.4	73.1	72.0	70.8	69.4	67.5	65.0
-72.5°	61.3	62.3	63.2	63.9	63.2	62.3	61.3	60.2	58.9	57.3	55.1
-75°	50.6	51.5	51.7	51.8	51.7	51.5	50.6	49.5	48.3	46.9	45.0
-77.5°	39.9	40.8	41.0	41.0	41.0	40.8	39.9	39.0	37.9	36.8	35.4
-80°	29.5	29.9	30.7	31.3	30.7	29.9	29.5	28.9	28.3	27.7	26.7
-82.5°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.9	19.6	18.7
-85°	12.9	13.2	13.3	13.3	13.3	13.2	12.9	12.5	12.1	11.7	11.2
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.4
-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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
65°	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.2	1.3	1.4	1.2	0.9	0.6	0.7	0.8	0.6	0.1	0.4
60°	4.5	2.9	4.1	4.5	3.9	2.8	2.9	2.7	2.2	1.8	1.2
57.5°	14.9	14.4	11.8	10.2	9.7	8.6	7.1	5.6	5.0	4.0	2.8
55°	20.5	19.7	18.3	16.3	14.2	13.5	12.3	10.5	8.8	6.8	5.5
52.5°	25.2	25.4	24.6	22.3	20.3	19.0	17.4	15.7	13.7	11.7	9.1
50°	36.0	34.6	33.3	31.9	28.9	25.9	23.8	21.5	18.6	16.4	14.2
47.5°	45.9	43.9	42.5	40.7	37.2	34.1	30.8	27.5	23.9	20.5	18.4
45°	54.5	51.5	48.8	46.6	43.6	40.0	37.1	33.5	29.3	25.3	21.6
42.5°	63.1	58.6	55.0	52.8	49.1	45.4	42.1	39.4	34.9	30.2	26.4
40°	74.6	65.6	62.2	61.4	57.9	52.0	49.2	46.2	41.4	35.3	31.6
37.5°	93.6	81.6	75.6	72.5	69.4	63.2	57.7	53.8	49.4	42.6	37.4
35°	120.5	106.3	93.4	86.7	83.0	74.7	67.4	62.0	56.8	50.3	43.5
32.5°	144.0	128.1	112.7	101.0	92.6	85.0	76.9	70.1	63.4	56.7	50.0
30°	178.4	151.8	130.5	114.1	103.3	93.8	85.3	77.1	69.4	62.5	55.7
27.5°	225.2	182.6	153.8	130.7	114.6	103.2	93.5	84.0	75.3	67.8	60.8
25°	294.0	225.9	182.8	151.6	128.3	113.7	102.6	91.6	81.4	72.8	67.0
22.5°	392.7	299.8	228.7	174.2	148.2	129.7	113.3	99.5	87.9	80.3	73.3
20°	562.8	401.2	296.1	226.2	178.4	148.8	126.2	110.1	98.2	88.4	79.7
17.5°	853.5	591.4	383.4	291.3	223.3	177.2	144.7	123.2	108.3	96.6	86.2
15°	1209.8	811.6	536.0	375.3	273.6	200.8	162.1	136.2	118.7	105.1	92.8
12.5°	1580.8	1021.2	662.3	439.1	309.6	226.0	180.3	151.2	129.0	111.3	97.1
10°	1903.2	1236.6	789.7	514.6	350.4	250.3	194.7	160.6	135.2	115.7	100.8
7.5°	2259.3	1456.9	907.0	569.8	384.0	269.7	204.5	166.9	140.3	119.4	103.8
5°	2523.1	1625.0	1006.2	620.1	409.3	284.5	212.1	171.4	144.3	122.3	106.2
2.5°	2700.1	1742.0	1068.4	654.8	424.9	295.9	218.2	175.7	147.4	125.4	108.8
0°	2755.3	1753.7	1116.1	676.2	435.1	306.1	223.0	179.6	149.5	127.8	110.9
-2.5°	2772.2	1773.8	1111.4	680.8	438.7	311.6	225.0	180.3	151.1	128.7	111.2
-5°	2662.1	1721.9	1086.4	676.1	436.0	311.6	228.4	181.6	151.9	129.0	110.9
-7.5°	2468.7	1609.6	1021.2	645.4	423.4	306.6	230.8	183.3	152.7	129.9	111.8
-10°	2174.5	1429.3	919.8	594.1	402.3	297.0	228.6	182.4	152.2	129.7	112.0
-12.5°	1878.5	1227.4	788.5	522.1	368.0	279.4	220.0	178.7	150.3	128.4	111.5
-15°	1502.7	1027.4	691.1	472.7	337.0	260.5	209.1	172.8	147.1	126.0	110.2
-17.5°	1207.0	833.4	566.1	405.4	307.2	243.8	200.7	168.1	143.3	123.6	108.5
-20°	928.5	656.4	479.3	356.7	276.5	223.3	189.2	161.1	138.9	121.1	106.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	699.7	531.6	397.8	306.6	247.9	207.4	177.7	153.3	133.6	117.5	104.8
-25°	543.7	424.0	332.7	270.8	222.7	190.0	167.0	147.2	129.4	113.9	102.2
-27.5°	430.0	344.3	285.5	237.5	202.3	178.1	158.4	140.8	124.9	111.3	99.7
-30°	348.1	292.6	247.3	211.3	186.1	165.9	150.1	135.3	120.7	107.8	96.9
-32.5°	285.2	251.0	217.0	191.2	170.3	154.8	141.9	129.4	115.5	104.2	94.0
-35°	244.2	219.3	195.2	174.6	157.0	145.2	133.7	122.0	110.7	100.2	90.7
-37.5°	215.7	195.4	177.2	160.6	147.5	136.4	126.3	116.0	105.7	96.1	87.3
-40°	193.4	176.2	161.9	149.2	138.7	129.2	120.1	110.6	101.4	91.7	83.6
-42.5°	175.3	161.7	149.3	139.6	130.6	122.5	114.5	106.2	97.2	88.1	79.5
-45°	160.3	149.6	139.2	130.6	123.0	116.2	110.0	101.7	92.9	83.8	75.0
-47.5°	147.7	138.9	130.2	122.2	115.9	110.0	104.1	96.7	87.5	78.9	71.5
-50°	136.6	129.5	122.1	114.7	109.2	103.8	97.5	89.9	81.9	74.8	67.8
-52.5°	127.6	121.2	114.8	108.6	103.2	97.5	90.8	84.2	77.4	70.7	64.3
-55°	118.5	113.3	108.2	103.1	98.0	92.1	85.9	79.3	72.7	66.5	59.9
-57.5°	111.4	106.6	101.9	97.3	92.8	87.0	80.7	74.3	67.4	61.1	54.9
-60°	103.8	99.6	95.0	90.6	86.3	81.1	74.3	67.7	61.4	55.4	49.4
-62.5°	94.3	90.3	86.3	82.0	77.4	72.4	66.1	60.0	54.5	49.3	44.0
-65°	83.5	79.7	75.9	71.6	66.9	61.6	56.3	51.9	47.7	43.3	38.5
-67.5°	72.4	69.0	65.0	60.8	56.7	52.5	48.7	44.8	40.9	36.8	32.6
-70°	62.3	59.6	56.4	52.7	48.8	44.9	41.3	37.7	34.0	30.6	27.3
-72.5°	52.7	50.2	47.3	43.9	40.5	37.2	34.1	31.2	28.4	25.6	22.7
-75°	42.9	40.9	38.6	35.8	33.0	30.2	27.7	25.4	23.0	20.5	18.1
-77.5°	33.9	32.3	30.7	28.5	26.3	24.1	22.0	19.9	17.9	16.1	14.4
-80°	25.6	24.4	23.2	21.5	19.7	18.0	16.3	14.9	13.5	12.3	11.1
-82.5°	17.8	16.9	16.0	14.8	13.5	12.3	11.1	10.3	9.4	8.6	7.7
-85°	10.7	10.2	9.7	9.0	8.3	7.7	7.1	6.6	6.1	5.6	5.1
-87.5°	5.1	4.7	4.4	4.3	4.2	4.0	3.9	3.6	3.2	2.9	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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.4	0.5	0.4
67.5°	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.2	0.5	0.8	0.7
65°	0.4	0.3	0.0	0.3	0.6	0.8	0.6	0.4	0.5	0.8	1.0
62.5°	0.7	0.9	0.7	0.5	0.7	0.9	1.1	0.8	0.6	0.9	1.1
60°	0.8	1.1	1.2	1.0	0.8	1.0	1.2	1.1	0.9	0.9	1.2
57.5°	2.1	1.4	1.4	1.3	1.1	1.1	1.2	1.2	1.1	1.0	1.2
55°	3.9	2.9	2.0	1.6	1.4	1.2	1.2	1.2	1.2	1.1	1.2
52.5°	6.8	5.0	3.6	2.5	1.8	1.4	1.4	1.2	1.2	1.2	1.2
50°	10.9	7.8	5.7	4.1	2.6	2.0	1.6	1.4	1.2	1.2	1.2
47.5°	16.0	11.7	8.3	6.0	4.2	2.7	2.1	1.7	1.2	1.2	1.2
45°	19.7	16.4	11.7	8.4	5.9	4.1	2.9	2.0	1.5	1.2	1.2
42.5°	23.3	20.3	15.9	10.8	8.2	5.6	3.7	2.7	1.8	1.3	1.2
40°	28.0	24.3	19.9	14.8	10.6	7.2	5.0	3.4	2.2	1.5	1.3
37.5°	32.9	28.6	23.9	18.6	13.4	9.5	6.3	4.2	2.8	1.9	1.5
35°	38.3	33.2	27.9	22.2	16.7	11.9	7.6	5.2	3.5	2.4	1.6
32.5°	43.8	37.6	31.6	25.7	19.8	14.4	9.4	6.4	4.3	2.9	1.8
30°	49.1	42.0	35.0	29.0	22.7	17.1	11.8	7.8	5.0	3.3	2.0
27.5°	53.9	46.2	38.3	32.0	25.6	19.6	14.1	9.2	5.7	3.9	2.4
25°	59.0	50.5	42.0	34.7	28.4	22.0	16.2	10.8	6.7	4.4	2.8
22.5°	64.7	54.9	45.6	37.1	31.3	24.5	18.3	12.7	7.9	5.0	3.2
20°	70.9	59.3	49.2	40.6	34.0	27.0	20.3	14.4	9.1	5.5	3.5
17.5°	77.2	64.0	53.6	44.5	36.7	29.3	22.2	15.9	10.4	6.0	3.9
15°	81.5	68.8	57.6	48.1	39.4	31.5	24.0	17.3	11.6	6.4	4.3
12.5°	85.1	72.8	61.1	51.5	42.1	33.5	25.7	18.6	12.8	7.0	4.7
10°	88.2	76.3	64.1	54.6	44.7	35.3	27.3	19.7	13.9	7.8	5.0
7.5°	91.0	79.2	66.7	57.4	47.1	37.1	28.6	20.7	14.9	8.6	5.3
5°	93.3	81.6	68.9	59.2	49.3	39.0	29.7	21.5	15.7	9.4	5.6
2.5°	95.1	83.8	70.7	60.5	51.3	40.7	30.6	22.3	16.3	10.1	5.8
0°	96.4	85.6	72.3	61.5	53.0	42.2	31.3	22.9	16.9	10.8	6.0
-2.5°	97.3	85.9	74.0	62.6	54.0	43.5	32.8	23.7	17.3	11.4	6.4
-5°	97.6	85.9	75.2	63.5	54.7	44.5	34.0	24.3	17.7	12.0	6.7
-7.5°	98.2	86.2	75.9	64.2	55.2	45.2	35.0	24.8	18.0	12.4	7.0
-10°	98.4	86.6	76.0	65.0	55.6	45.8	35.6	25.1	18.2	12.7	7.2
-12.5°	98.1	86.6	76.0	65.5	55.8	46.1	35.9	25.6	18.3	13.0	7.5
-15°	97.4	86.1	75.8	65.5	55.8	46.2	36.0	26.0	18.7	13.0	7.6
-17.5°	96.1	85.1	75.5	65.1	55.6	46.2	35.9	26.2	18.9	12.9	7.8
-20°	95.0	84.2	75.1	64.3	55.1	45.9	35.6	26.2	18.9	12.7	8.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	93.4	83.3	73.8	63.4	54.5	45.5	35.1	25.8	18.7	12.4	8.1
-25°	91.4	82.0	72.3	62.7	53.8	44.6	34.5	25.3	18.2	12.0	8.1
-27.5°	89.5	80.3	70.7	61.8	52.7	43.6	33.7	24.7	17.6	11.6	8.1
-30°	87.2	78.3	69.3	60.5	51.3	42.2	32.6	23.9	17.0	11.3	8.0
-32.5°	84.7	76.2	67.7	58.5	49.4	40.5	31.2	22.8	16.2	11.2	7.9
-35°	82.1	74.0	65.8	56.1	47.5	38.7	29.8	21.3	15.4	10.9	7.8
-37.5°	79.1	71.3	62.6	53.5	45.4	36.8	28.4	20.5	14.4	10.6	7.7
-40°	75.7	67.9	59.1	51.1	43.1	34.8	27.0	19.8	13.8	10.2	7.5
-42.5°	71.9	64.1	56.2	48.6	40.8	33.1	25.5	18.8	13.5	9.9	7.3
-45°	68.0	60.7	53.6	46.1	38.5	31.3	24.3	17.8	13.0	9.6	7.0
-47.5°	64.4	57.8	50.7	43.3	36.4	29.5	22.8	17.1	12.5	9.2	6.8
-50°	61.3	54.6	47.5	40.5	34.0	27.6	21.3	16.2	12.0	8.9	6.5
-52.5°	57.7	51.0	44.0	37.4	31.4	25.5	20.0	15.1	11.3	8.5	6.2
-55°	53.5	46.8	40.1	34.3	28.7	23.5	18.5	14.1	10.5	7.9	5.7
-57.5°	48.5	42.1	36.6	31.3	26.1	21.3	16.8	12.8	9.7	7.4	5.3
-60°	43.5	38.2	33.2	28.0	23.3	18.9	14.9	11.4	8.9	6.7	4.8
-62.5°	38.9	34.1	29.2	24.5	20.3	16.4	12.9	10.4	8.1	6.0	4.2
-65°	33.9	29.3	24.9	21.1	17.4	14.1	11.6	9.2	7.2	5.3	3.7
-67.5°	28.4	24.8	21.1	17.6	14.8	12.4	10.1	8.0	6.2	4.5	3.4
-70°	24.0	20.6	17.6	15.1	12.8	10.6	8.6	6.8	5.1	4.0	3.1
-72.5°	19.8	17.2	14.8	12.7	10.7	8.8	7.1	5.6	4.5	3.5	2.7
-75°	15.8	13.9	12.0	10.2	8.5	6.9	5.8	4.7	3.8	3.0	2.4
-77.5°	12.7	11.0	9.2	7.9	6.9	5.8	4.8	3.8	3.1	2.6	2.0
-80°	9.7	8.5	7.5	6.6	5.6	4.7	3.9	3.2	2.7	2.2	1.7
-82.5°	7.0	6.3	5.8	5.3	4.5	3.9	3.2	2.7	2.3	1.8	1.3
-85°	4.8	4.5	4.2	3.9	3.4	3.0	2.5	2.0	1.6	1.2	0.9
-87.5°	2.4	2.3	2.2	2.1	1.8	1.5	1.2	1.0	0.8	0.6	0.5
-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: P626768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.3	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.4	0.4	0.1	0.1	0.2	0.0
65°	0.7	0.5	0.5	0.3	0.1	0.3	0.0
62.5°	0.9	0.7	0.6	0.4	0.1	0.3	0.0
60°	1.2	0.8	0.8	0.5	0.2	0.3	0.0
57.5°	1.2	1.0	0.8	0.6	0.3	0.4	0.0
55°	1.2	1.1	0.9	0.8	0.4	0.4	0.0
52.5°	1.2	1.2	1.0	0.9	0.5	0.4	0.0
50°	1.2	1.2	1.1	1.0	0.5	0.5	0.0
47.5°	1.2	1.2	1.1	1.1	0.6	0.5	0.0
45°	1.2	1.2	1.2	1.2	0.7	0.5	0.0
42.5°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
40°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
37.5°	1.2	1.2	1.2	1.2	0.9	0.7	0.0
35°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
32.5°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
30°	1.4	1.2	1.2	1.2	1.0	0.8	0.0
27.5°	1.5	1.2	1.2	1.2	1.1	0.8	0.0
25°	1.6	1.2	1.2	1.2	1.1	0.9	0.0
22.5°	1.8	1.2	1.2	1.2	1.1	0.9	0.0
20°	1.9	1.3	1.2	1.2	1.2	0.9	0.0
17.5°	2.2	1.4	1.2	1.2	1.2	1.0	0.0
15°	2.4	1.5	1.2	1.2	1.2	1.0	0.0
12.5°	2.6	1.7	1.2	1.2	1.2	1.0	0.0
10°	2.8	1.8	1.2	1.2	1.2	1.1	0.0
7.5°	3.1	2.0	1.2	1.2	1.2	1.1	0.0
5°	3.3	2.1	1.2	1.2	1.2	1.1	0.0
2.5°	3.4	2.3	1.2	1.2	1.2	1.2	0.0
0°	3.6	2.4	1.2	1.2	1.2	1.2	0.0
-2.5°	3.9	2.5	1.3	1.2	1.2	1.2	0.0
-5°	4.2	2.6	1.4	1.2	1.2	1.2	0.0
-7.5°	4.5	2.7	1.5	1.2	1.2	1.2	0.0
-10°	4.7	2.8	1.6	1.2	1.2	1.2	0.0
-12.5°	4.9	2.9	1.7	1.2	1.2	1.2	0.0
-15°	5.1	3.0	1.7	1.2	1.2	1.2	0.0
-17.5°	5.2	3.0	1.8	1.2	1.2	1.1	0.0
-20°	5.2	3.1	1.8	1.2	1.2	1.1	0.0

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CATALOG NUMBER: GFLD-SA1E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.3	3.1	1.8	1.2	1.2	1.1	0.0
-25°	5.3	3.2	1.8	1.2	1.2	1.1	0.0
-27.5°	5.3	3.3	1.8	1.2	1.2	1.1	0.0
-30°	5.3	3.3	1.8	1.2	1.2	1.0	0.0
-32.5°	5.2	3.3	1.8	1.2	1.2	1.0	0.0
-35°	5.2	3.3	1.7	1.2	1.2	1.0	0.0
-37.5°	5.2	3.3	1.7	1.2	1.2	1.0	0.0
-40°	5.1	3.2	1.6	1.2	1.2	0.9	0.0
-42.5°	5.0	3.1	1.6	1.2	1.2	0.9	0.0
-45°	4.9	3.0	1.7	1.2	1.2	0.8	0.0
-47.5°	4.7	2.9	1.7	1.3	1.2	0.8	0.0
-50°	4.4	2.7	1.7	1.3	1.2	0.8	0.0
-52.5°	4.2	2.4	1.7	1.3	1.2	0.7	0.0
-55°	3.8	2.4	1.7	1.3	1.2	0.7	0.0
-57.5°	3.5	2.3	1.7	1.3	1.2	0.6	0.0
-60°	3.1	2.2	1.6	1.3	1.2	0.6	0.0
-62.5°	3.0	2.2	1.6	1.3	1.1	0.6	0.0
-65°	2.8	2.0	1.5	1.3	1.0	0.5	0.0
-67.5°	2.6	1.9	1.5	1.2	0.9	0.5	0.0
-70°	2.3	1.8	1.4	1.2	0.8	0.4	0.0
-72.5°	2.1	1.6	1.3	1.1	0.7	0.4	0.0
-75°	1.8	1.4	1.2	0.9	0.6	0.3	0.0
-77.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)