

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: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626668 (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-SA1C-730-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5265.2 lumens
Efficiency: N/A
Efficacy: 121.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 53371.6 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 1680.9 lumens
Beam Efficiency: 31.9%

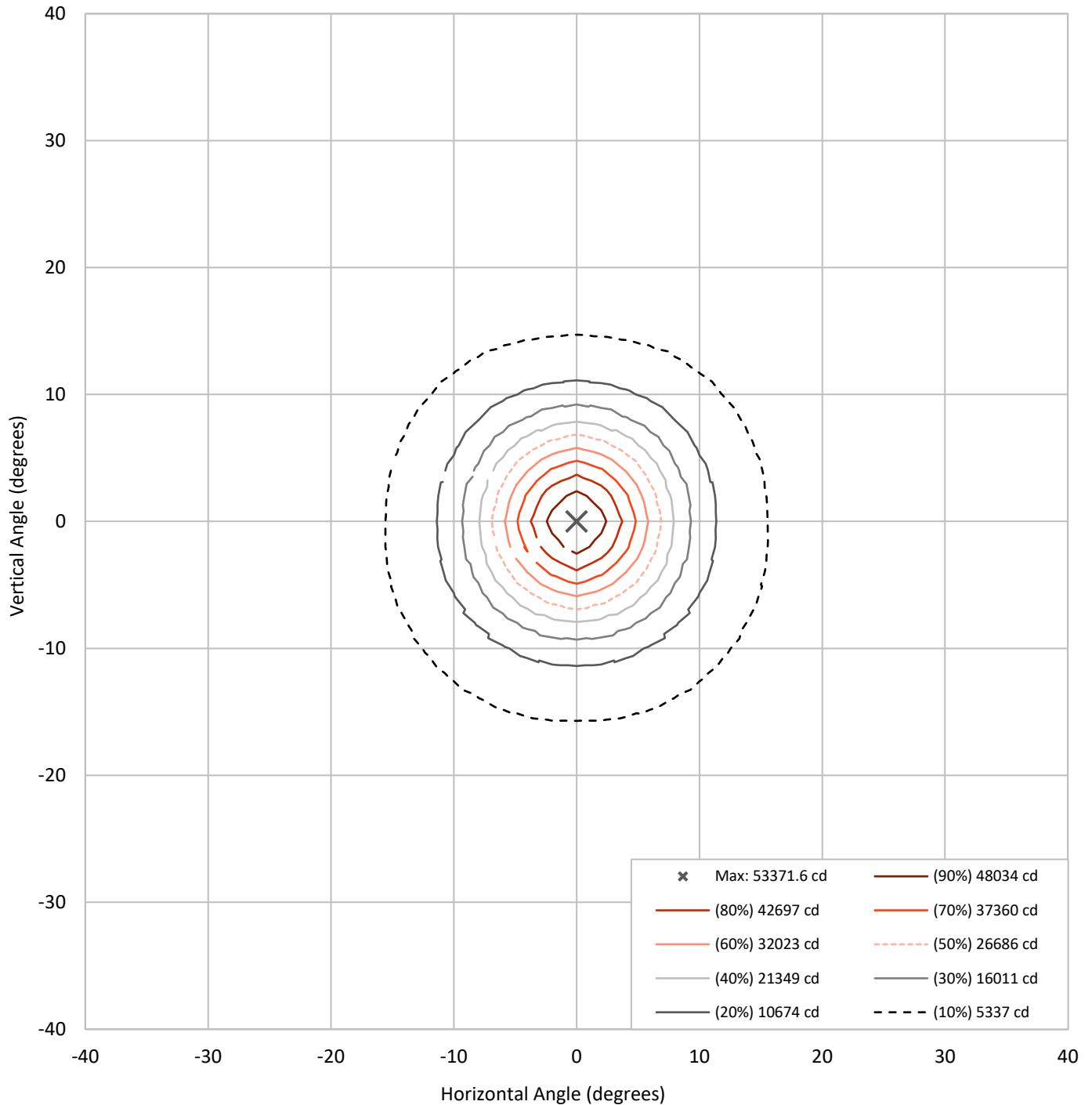
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 3743.9 lumens
Field Efficiency: 71.1%

Input Watts (W): 43.5
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: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





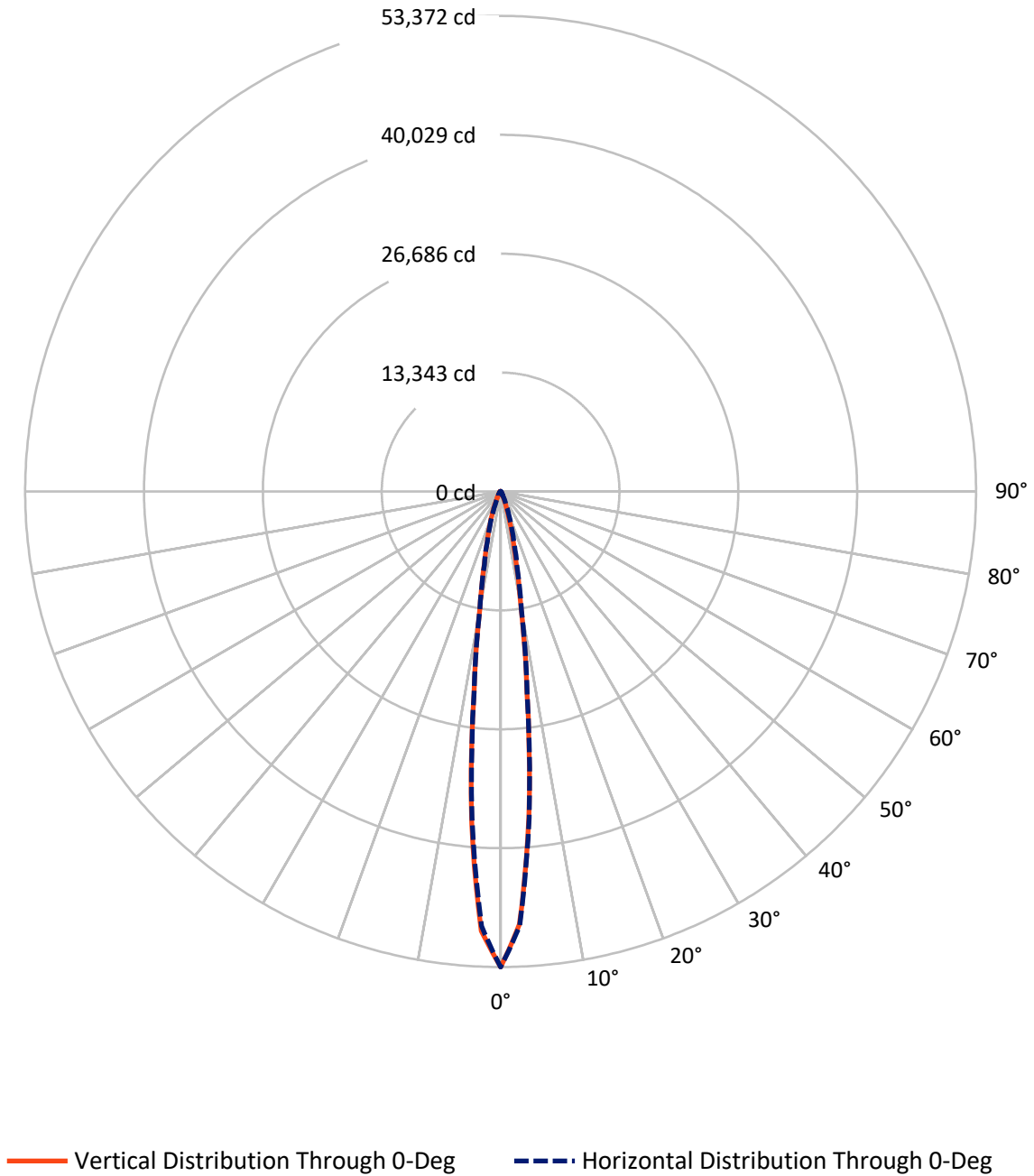
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Lumen Table

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	0.6	0.7	0.7	0.6	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	1.8	2.1	2.1	1.8	1.3	0.9	0.5	0.2	0.0	0.0			
30	0.0	0.1	0.4	0.9	1.6	2.5	4.3	5.5	5.5	4.3	2.5	1.6	0.9	0.4	0.1	0.0			
20	0.0	0.1	0.6	1.4	2.5	5.4	14.3	23.7	23.7	14.3	5.4	2.5	1.4	0.6	0.1	0.0			
10	0.0	0.2	0.8	1.9	4.1	16.0	67.5	148.4	148.4	67.5	16.0	4.1	1.9	0.8	0.2	0.0			
0	0.1	0.3	1.0	2.2	5.5	30.1	161.7	725.3	725.3	161.7	30.1	5.5	2.2	1.0	0.3	0.1			
-10	0.1	0.3	1.1	2.3	5.9	32.0	167.4	737.6	737.6	167.4	32.0	5.9	2.3	1.1	0.3	0.1			
-20	0.1	0.3	1.1	2.3	5.2	20.4	81.3	173.8	173.8	81.3	20.4	5.2	2.3	1.1	0.3	0.1			
-30	0.1	0.3	1.0	2.1	4.0	9.5	25.0	41.7	41.7	25.0	9.5	4.0	2.1	1.0	0.3	0.1			
-40	0.1	0.3	0.9	1.8	3.2	5.2	8.5	10.8	10.8	8.5	5.2	3.2	1.8	0.9	0.3	0.1			
-50	0.1	0.2	0.8	1.5	2.5	3.7	4.9	5.5	5.5	4.9	3.7	2.5	1.5	0.8	0.2	0.1			
-60	0.1	0.2	0.6	1.2	2.0	2.8	3.5	3.9	3.9	3.5	2.8	2.0	1.2	0.6	0.2	0.1			
-70	0.1	0.1	0.4	0.8	1.3	2.0	2.5	2.7	2.7	2.5	2.0	1.3	0.8	0.4	0.1	0.1			
-80	0.0	0.3		1.3		2.9		3.7		2.9		1.3		0.3		0.0			
-90	0.0																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

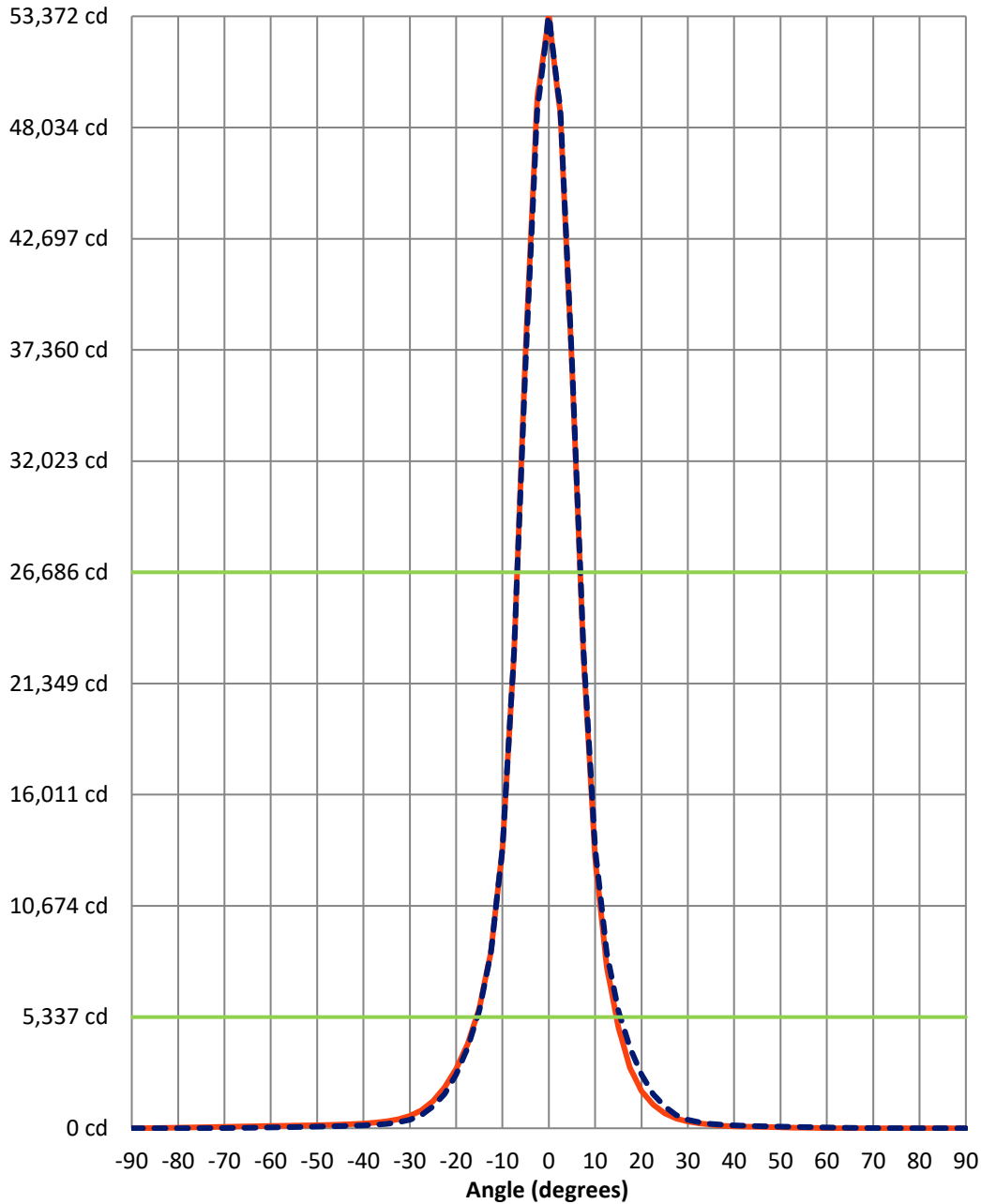
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 1680.9
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 3743.9
Efficiency: 71.1%

Spill:
Lumens: 1521.3
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	0.0	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	0.1	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	0.2	0.2	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.3	0.5	0.4	0.1
67.5°	0.0	0.2	0.1	0.1	0.3	0.3	0.4	0.6	0.7	0.4	0.2
65°	0.0	0.3	0.1	0.2	0.4	0.5	0.6	0.9	0.7	0.5	0.3
62.5°	0.0	0.3	0.1	0.4	0.6	0.6	0.9	1.0	0.8	0.6	0.7
60°	0.0	0.3	0.1	0.5	0.7	0.8	1.1	1.1	0.8	0.8	1.0
57.5°	0.0	0.3	0.2	0.6	0.8	0.9	1.1	1.1	0.9	1.0	1.1
55°	0.0	0.4	0.3	0.7	0.8	1.0	1.1	1.1	1.0	1.1	1.1
52.5°	0.0	0.4	0.4	0.8	0.9	1.1	1.1	1.1	1.1	1.1	1.1
50°	0.0	0.4	0.5	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.3
47.5°	0.0	0.5	0.6	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.6
45°	0.0	0.5	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.9
42.5°	0.0	0.5	0.7	1.1	1.1	1.1	1.1	1.1	1.2	1.7	2.5
40°	0.0	0.6	0.8	1.1	1.1	1.1	1.1	1.2	1.4	2.1	3.2
37.5°	0.0	0.6	0.8	1.1	1.1	1.1	1.1	1.4	1.8	2.6	4.0
35°	0.0	0.6	0.9	1.1	1.1	1.1	1.1	1.5	2.3	3.3	4.9
32.5°	0.0	0.7	0.9	1.1	1.1	1.1	1.1	1.7	2.7	4.0	6.0
30°	0.0	0.7	1.0	1.1	1.1	1.1	1.3	1.9	3.2	4.7	7.3
27.5°	0.0	0.8	1.0	1.1	1.1	1.1	1.4	2.3	3.6	5.3	8.7
25°	0.0	0.8	1.0	1.1	1.1	1.1	1.5	2.6	4.2	6.3	10.1
22.5°	0.0	0.8	1.0	1.1	1.1	1.1	1.7	3.0	4.7	7.4	11.9
20°	0.0	0.9	1.1	1.1	1.1	1.2	1.8	3.3	5.2	8.6	13.5
17.5°	0.0	0.9	1.1	1.1	1.1	1.3	2.0	3.7	5.6	9.7	14.9
15°	0.0	0.9	1.1	1.1	1.1	1.4	2.3	4.0	6.1	10.9	16.2
12.5°	0.0	1.0	1.1	1.1	1.1	1.6	2.5	4.4	6.6	12.0	17.4
10°	0.0	1.0	1.1	1.1	1.1	1.7	2.7	4.7	7.4	13.0	18.5
7.5°	0.0	1.0	1.1	1.1	1.1	1.9	2.9	4.9	8.1	13.9	19.4
5°	0.0	1.0	1.1	1.1	1.1	2.0	3.1	5.2	8.8	14.7	20.2
2.5°	0.0	1.1	1.1	1.1	1.1	2.2	3.2	5.4	9.5	15.3	20.9
0°	0.0	1.1	1.1	1.1	1.1	2.3	3.4	5.6	10.2	15.8	21.5
-2.5°	0.0	1.1	1.1	1.1	1.2	2.4	3.7	5.9	10.8	16.2	22.2
-5°	0.0	1.1	1.1	1.1	1.3	2.5	4.0	6.3	11.3	16.6	22.8
-7.5°	0.0	1.1	1.1	1.1	1.4	2.6	4.2	6.5	11.7	16.8	23.3
-10°	0.0	1.1	1.1	1.1	1.5	2.7	4.4	6.8	12.0	17.0	23.6
-12.5°	0.0	1.1	1.1	1.1	1.6	2.8	4.6	7.0	12.2	17.2	24.0
-15°	0.0	1.1	1.1	1.1	1.6	2.8	4.7	7.2	12.2	17.5	24.4
-17.5°	0.0	1.0	1.1	1.1	1.7	2.9	4.8	7.4	12.1	17.7	24.6
-20°	0.0	1.0	1.1	1.1	1.7	2.9	4.9	7.5	11.9	17.7	24.5

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REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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	1.0	1.1	1.1	1.7	2.9	5.0	7.6	11.7	17.5	24.2
-25°	0.0	1.0	1.1	1.1	1.7	3.0	5.0	7.6	11.3	17.1	23.7
-27.5°	0.0	1.0	1.1	1.1	1.7	3.1	5.0	7.6	10.9	16.5	23.2
-30°	0.0	1.0	1.1	1.1	1.7	3.1	5.0	7.5	10.6	15.9	22.4
-32.5°	0.0	0.9	1.1	1.1	1.7	3.2	4.9	7.4	10.5	15.2	21.3
-35°	0.0	0.9	1.1	1.1	1.6	3.2	4.9	7.3	10.3	14.4	20.0
-37.5°	0.0	0.9	1.1	1.1	1.6	3.1	4.9	7.2	10.0	13.5	19.2
-40°	0.0	0.8	1.1	1.1	1.5	3.1	4.8	7.0	9.6	12.9	18.5
-42.5°	0.0	0.8	1.1	1.1	1.5	3.0	4.7	6.8	9.3	12.7	17.7
-45°	0.0	0.8	1.1	1.1	1.5	2.8	4.6	6.6	9.0	12.3	16.7
-47.5°	0.0	0.7	1.1	1.2	1.6	2.7	4.4	6.4	8.7	11.7	16.1
-50°	0.0	0.7	1.1	1.2	1.6	2.5	4.2	6.1	8.4	11.3	15.2
-52.5°	0.0	0.7	1.1	1.2	1.6	2.3	3.9	5.8	7.9	10.7	14.2
-55°	0.0	0.6	1.1	1.2	1.6	2.2	3.6	5.4	7.4	9.8	13.2
-57.5°	0.0	0.6	1.1	1.2	1.6	2.2	3.3	4.9	6.9	9.1	11.9
-60°	0.0	0.5	1.1	1.2	1.5	2.1	2.9	4.5	6.3	8.4	10.7
-62.5°	0.0	0.5	1.0	1.2	1.5	2.0	2.8	4.0	5.7	7.6	9.7
-65°	0.0	0.5	0.9	1.2	1.4	1.9	2.6	3.5	5.0	6.7	8.7
-67.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.4	3.2	4.2	5.8	7.5
-70°	0.0	0.4	0.8	1.1	1.3	1.7	2.2	2.9	3.8	4.8	6.4
-72.5°	0.0	0.3	0.7	1.0	1.2	1.5	2.0	2.6	3.3	4.2	5.2
-75°	0.0	0.3	0.6	0.9	1.1	1.3	1.7	2.3	2.8	3.6	4.4
-77.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.9	2.5	3.0	3.6
-80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.6	2.1	2.6	3.0
-82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.7	2.1	2.6
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.2	1.5	1.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	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	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.5	0.7	0.5	0.3	0.0	0.3	0.4	0.3	0.0	0.0	0.0
62.5°	1.0	0.9	0.6	0.5	0.6	0.8	0.6	0.4	0.1	0.6	0.8
60°	1.1	0.9	0.8	0.9	1.1	1.0	0.7	1.1	1.7	2.1	2.5
57.5°	1.1	1.0	1.0	1.2	1.3	1.3	2.0	2.7	3.8	4.6	5.3
55°	1.1	1.1	1.3	1.5	1.9	2.7	3.7	5.2	6.4	8.3	9.9
52.5°	1.3	1.3	1.7	2.3	3.4	4.7	6.4	8.5	11.0	12.8	14.7
50°	1.5	1.9	2.4	3.9	5.4	7.3	10.2	13.3	15.4	17.4	20.2
47.5°	2.0	2.6	4.0	5.6	7.9	11.0	14.9	17.2	19.2	22.4	25.8
45°	2.7	3.9	5.5	7.9	11.0	15.3	18.4	20.2	23.7	27.5	31.4
42.5°	3.5	5.3	7.7	10.2	14.9	19.1	21.9	24.8	28.3	32.6	36.9
40°	4.7	6.7	10.0	13.9	18.7	22.7	26.3	29.6	33.1	38.7	43.2
37.5°	5.9	8.9	12.6	17.4	22.4	26.9	30.8	35.0	39.9	46.3	50.4
35°	7.2	11.2	15.7	20.8	26.1	31.1	35.9	40.8	47.2	53.2	58.1
32.5°	8.9	13.5	18.6	24.1	29.6	35.3	41.0	46.9	53.2	59.4	65.8
30°	11.0	16.0	21.3	27.3	32.8	39.3	46.0	52.2	58.6	65.1	72.3
27.5°	13.2	18.3	24.1	30.1	35.9	43.3	50.5	57.0	63.5	70.5	78.7
25°	15.2	20.7	26.7	32.6	39.4	47.4	55.3	62.8	68.3	76.3	85.8
22.5°	17.1	23.0	29.4	34.8	42.7	51.5	60.7	68.7	75.2	82.4	93.2
20°	19.0	25.3	31.9	38.0	46.1	55.5	66.4	74.7	82.8	92.0	103.1
17.5°	20.8	27.5	34.4	41.7	50.3	60.0	72.4	80.8	90.5	101.5	115.5
15°	22.5	29.5	37.0	45.1	54.0	64.4	76.4	87.0	98.6	111.3	127.7
12.5°	24.1	31.3	39.5	48.3	57.2	68.3	79.7	91.0	104.3	121.0	141.7
10°	25.6	33.0	41.9	51.2	60.1	71.5	82.7	94.4	108.5	126.7	150.5
7.5°	26.8	34.7	44.2	53.8	62.5	74.2	85.3	97.2	112.0	131.5	156.4
5°	27.8	36.5	46.3	55.5	64.6	76.4	87.4	99.4	114.7	135.3	160.7
2.5°	28.7	38.1	48.1	56.7	66.3	78.5	89.1	101.9	117.5	138.2	164.6
0°	29.4	39.5	49.7	57.6	67.8	80.2	90.4	103.9	119.7	140.1	168.3
-2.5°	30.8	40.7	50.6	58.7	69.3	80.5	91.2	104.2	120.6	141.6	169.0
-5°	31.9	41.7	51.3	59.5	70.5	80.4	91.5	104.0	120.9	142.4	170.3
-7.5°	32.8	42.4	51.8	60.1	71.1	80.8	92.0	104.8	121.8	143.2	171.9
-10°	33.3	42.9	52.2	60.9	71.3	81.2	92.2	105.0	121.6	142.7	171.0
-12.5°	33.7	43.2	52.4	61.4	71.3	81.1	91.9	104.5	120.4	140.9	167.5
-15°	33.8	43.4	52.3	61.4	71.1	80.7	91.2	103.3	118.1	137.9	162.0
-17.5°	33.7	43.3	52.1	61.1	70.8	79.8	90.1	101.7	115.9	134.3	157.5
-20°	33.4	43.0	51.7	60.2	70.5	78.9	89.0	100.2	113.5	130.2	151.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	32.9	42.6	51.2	59.4	69.2	78.1	87.5	98.2	110.1	125.2	143.7
-25°	32.4	41.9	50.4	58.8	67.8	76.9	85.7	95.8	106.8	121.3	137.9
-27.5°	31.6	40.9	49.5	57.9	66.3	75.2	83.8	93.4	104.3	117.1	132.0
-30°	30.6	39.5	48.1	56.7	65.0	73.4	81.7	90.8	101.0	113.1	126.8
-32.5°	29.3	38.0	46.4	54.9	63.5	71.5	79.3	88.1	97.7	108.3	121.3
-35°	27.9	36.3	44.5	52.6	61.7	69.4	77.0	85.0	93.9	103.8	114.4
-37.5°	26.7	34.5	42.5	50.2	58.8	66.8	74.2	81.8	90.0	99.1	108.7
-40°	25.3	32.6	40.5	47.9	55.4	63.6	71.0	78.4	86.0	95.0	103.6
-42.5°	23.9	31.0	38.3	45.6	52.7	60.1	67.4	74.5	82.5	91.1	99.5
-45°	22.7	29.3	36.1	43.2	50.2	56.9	63.7	70.3	78.5	87.1	95.3
-47.5°	21.4	27.6	34.1	40.6	47.5	54.2	60.3	67.0	73.9	82.0	90.7
-50°	20.0	25.9	31.9	37.9	44.5	51.2	57.4	63.6	70.1	76.8	84.2
-52.5°	18.7	23.9	29.5	35.0	41.2	47.7	54.1	60.3	66.3	72.5	78.9
-55°	17.3	22.1	26.9	32.2	37.6	43.8	50.1	56.1	62.3	68.1	74.4
-57.5°	15.7	20.0	24.4	29.3	34.3	39.4	45.5	51.5	57.3	63.2	69.6
-60°	13.9	17.7	21.8	26.3	31.1	35.8	40.7	46.3	51.9	57.5	63.4
-62.5°	12.0	15.4	19.0	23.0	27.4	32.0	36.5	41.2	46.2	51.1	56.3
-65°	10.8	13.1	16.2	19.7	23.3	27.5	31.7	36.1	40.5	44.7	48.6
-67.5°	9.5	11.6	13.9	16.4	19.7	23.2	26.6	30.6	34.5	38.3	42.0
-70°	8.1	10.0	12.0	14.1	16.4	19.3	22.5	25.7	28.7	31.9	35.3
-72.5°	6.6	8.2	10.0	11.9	13.9	16.1	18.6	21.2	24.0	26.6	29.3
-75°	5.4	6.5	7.9	9.5	11.2	13.0	14.8	16.9	19.2	21.5	23.8
-77.5°	4.5	5.5	6.4	7.4	8.7	10.3	11.9	13.4	15.0	16.8	18.6
-80°	3.7	4.4	5.3	6.2	7.0	8.0	9.1	10.4	11.5	12.7	13.9
-82.5°	3.1	3.6	4.3	4.9	5.4	6.0	6.6	7.3	8.0	8.8	9.6
-85°	2.4	2.8	3.3	3.7	3.9	4.2	4.5	4.8	5.3	5.7	6.2
-87.5°	1.2	1.4	1.7	1.9	2.1	2.2	2.3	2.4	2.7	3.0	3.3
-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: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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	0.2	0.1	0.0	0.0
62.5°	0.7	0.6	0.9	1.2	1.3	1.2	1.1	1.0	0.9	0.8	0.9
60°	2.7	2.7	3.7	4.2	3.8	2.7	4.3	5.0	4.8	4.1	4.1
57.5°	6.6	8.0	9.1	9.5	11.1	13.5	13.9	13.1	12.8	13.0	15.1
55°	11.5	12.7	13.3	15.3	17.1	18.4	19.2	20.0	21.1	22.6	24.0
52.5°	16.3	17.8	19.0	20.8	23.0	23.8	23.6	26.4	28.6	30.0	30.6
50°	22.3	24.3	27.1	29.9	31.2	32.4	33.7	36.0	39.4	43.5	45.9
47.5°	28.9	32.0	34.9	38.2	39.9	41.1	43.1	47.1	51.8	56.3	58.6
45°	34.7	37.5	40.9	43.7	45.8	48.3	51.0	54.6	60.0	64.7	67.9
42.5°	39.4	42.6	46.0	49.5	51.6	54.9	59.1	64.0	69.6	74.5	78.1
40°	46.1	48.7	54.2	57.5	58.4	61.5	69.9	76.6	83.0	89.0	92.0
37.5°	54.1	59.2	65.0	68.0	70.9	76.4	87.7	98.6	106.6	114.7	119.2
35°	63.2	70.0	77.8	81.3	87.5	99.7	112.9	128.0	146.8	154.7	161.8
32.5°	72.1	79.6	86.8	94.7	105.6	120.1	135.0	159.5	182.3	200.0	212.9
30°	79.9	87.9	96.9	107.0	122.4	142.3	167.3	198.9	231.1	259.2	283.0
27.5°	87.6	96.8	107.4	122.5	144.1	171.2	211.1	256.3	310.0	349.6	396.9
25°	96.1	106.6	120.2	142.1	171.3	211.7	275.5	348.9	437.0	508.5	583.3
22.5°	106.2	121.6	138.9	163.2	214.3	280.9	368.1	493.4	629.1	754.5	875.2
20°	118.3	139.4	167.2	212.0	277.5	376.1	527.5	727.6	927.0	1139.4	1343.9
17.5°	135.7	166.1	209.2	273.0	359.4	554.3	800.0	1109.4	1507.0	1867.2	2181.7
15°	152.0	188.3	256.4	351.8	502.4	760.7	1133.9	1644.6	2264.1	2828.7	3425.1
12.5°	169.0	211.9	290.2	411.6	620.8	957.1	1481.6	2181.4	2957.1	3808.1	4777.3
10°	182.5	234.6	328.4	482.3	740.2	1159.0	1783.7	2632.4	3663.3	4922.6	6472.1
7.5°	191.7	252.8	359.9	534.0	850.1	1365.4	2117.5	3137.5	4426.3	6094.7	8262.8
5°	198.8	266.7	383.6	581.2	943.0	1523.0	2364.8	3579.9	5104.4	7339.8	11014.1
2.5°	204.5	277.3	398.3	613.8	1001.4	1632.8	2530.7	3830.2	5508.2	8260.3	13027.1
0°	209.0	286.9	407.8	633.8	1046.1	1643.7	2582.5	3876.0	5653.0	8426.4	13460.4
-2.5°	210.9	292.1	411.1	638.1	1041.6	1662.5	2598.3	3912.6	5647.6	8335.4	12976.5
-5°	214.1	292.0	408.7	633.7	1018.3	1613.9	2495.1	3707.9	5306.8	7618.5	11420.9
-7.5°	216.4	287.4	396.8	605.0	957.2	1508.6	2313.8	3368.7	4686.7	6441.9	8796.8
-10°	214.3	278.4	377.1	556.8	862.1	1339.7	2038.1	2920.9	4016.4	5317.1	6917.1
-12.5°	206.2	261.9	344.9	489.3	739.0	1150.5	1760.7	2512.4	3323.2	4236.7	5342.3
-15°	196.0	244.1	315.9	443.0	647.8	962.9	1408.4	2018.2	2668.6	3362.2	4101.8
-17.5°	188.1	228.5	287.9	380.0	530.6	781.2	1131.3	1564.5	2042.4	2570.5	3008.7
-20°	177.3	209.2	259.2	334.3	449.2	615.3	870.2	1184.9	1500.3	1871.6	2174.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	166.6	194.4	232.3	287.3	372.8	498.3	655.8	866.0	1096.6	1309.7	1519.5
-25°	156.6	178.0	208.7	253.8	311.8	397.4	509.6	630.1	782.1	911.9	1055.8
-27.5°	148.5	166.9	189.6	222.6	267.6	322.7	403.0	483.8	563.7	629.2	728.3
-30°	140.7	155.5	174.5	198.1	231.7	274.2	326.3	378.7	424.9	467.0	518.5
-32.5°	133.0	145.1	159.6	179.2	203.4	235.3	267.3	304.9	336.9	366.5	393.9
-35°	125.3	136.0	147.1	163.6	183.0	205.6	228.9	254.3	276.6	296.5	314.1
-37.5°	118.4	127.8	138.2	150.5	166.1	183.1	202.2	220.6	235.3	248.2	258.9
-40°	112.5	121.1	130.0	139.8	151.7	165.1	181.3	196.7	207.0	214.9	221.3
-42.5°	107.3	114.8	122.4	130.8	139.8	151.5	164.3	177.0	184.0	190.1	194.8
-45°	103.1	108.9	115.3	122.4	130.5	140.2	150.2	159.0	165.2	170.5	174.4
-47.5°	97.5	103.1	108.7	114.5	122.1	130.2	138.5	145.2	150.6	155.2	158.2
-50°	91.4	97.3	102.4	107.5	114.4	121.3	128.0	133.6	138.7	143.2	145.6
-52.5°	85.1	91.4	96.7	101.8	107.6	113.6	119.6	124.4	128.9	133.1	134.9
-55°	80.5	86.3	91.8	96.6	101.4	106.2	111.1	116.0	120.5	124.5	125.8
-57.5°	75.6	81.5	87.0	91.3	95.6	99.9	104.4	108.9	113.1	117.0	118.0
-60°	69.6	76.0	80.8	84.9	89.1	93.4	97.3	101.3	105.3	108.6	109.7
-62.5°	62.0	67.9	72.6	76.8	80.9	84.6	88.4	92.2	95.8	98.4	99.3
-65°	52.8	57.8	62.7	67.2	71.1	74.7	78.2	81.7	84.9	87.3	88.5
-67.5°	45.6	49.2	53.1	57.0	61.0	64.7	67.8	70.8	73.6	75.6	76.9
-70°	38.7	42.1	45.8	49.4	52.9	55.9	58.4	60.9	63.3	65.1	66.4
-72.5°	32.0	34.9	38.0	41.2	44.4	47.1	49.4	51.6	53.7	55.2	56.4
-75°	26.0	28.4	31.0	33.6	36.2	38.3	40.3	42.1	44.0	45.3	46.4
-77.5°	20.6	22.6	24.7	26.7	28.8	30.3	31.8	33.2	34.5	35.6	36.5
-80°	15.3	16.9	18.5	20.1	21.7	22.9	24.0	25.0	26.0	26.6	27.1
-82.5°	10.5	11.6	12.7	13.8	15.0	15.8	16.7	17.5	18.4	18.7	18.9
-85°	6.7	7.2	7.8	8.4	9.1	9.6	10.1	10.5	10.9	11.3	11.7
-87.5°	3.7	3.8	3.9	4.0	4.1	4.4	4.7	5.1	5.4	5.5	5.5
-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: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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	0.2
62.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.9	1.0
60°	3.9	3.4	3.4	3.4	3.4	3.4	3.9	4.1	4.1	4.8	5.0
57.5°	17.1	19.1	19.6	19.2	19.6	19.1	17.1	15.1	13.0	12.8	13.1
55°	25.0	25.6	25.9	26.0	25.9	25.6	25.0	24.0	22.6	21.1	20.0
52.5°	30.7	30.5	30.4	30.5	30.4	30.5	30.7	30.6	30.0	28.6	26.4
50°	46.1	45.3	44.9	45.2	44.9	45.3	46.1	45.9	43.5	39.4	36.0
47.5°	58.9	59.2	59.6	59.9	59.6	59.2	58.9	58.6	56.3	51.8	47.1
45°	68.8	69.4	69.8	70.0	69.8	69.4	68.8	67.9	64.7	60.0	54.6
42.5°	78.9	79.0	78.9	79.1	78.9	79.0	78.9	78.1	74.5	69.6	64.0
40°	93.2	93.5	93.2	92.6	93.2	93.5	93.2	92.0	89.0	83.0	76.6
37.5°	121.7	122.2	120.8	119.7	120.8	122.2	121.7	119.2	114.7	106.6	98.6
35°	168.3	173.2	175.5	176.2	175.5	173.2	168.3	161.8	154.7	146.8	128.0
32.5°	221.9	228.6	232.0	235.0	232.0	228.6	221.9	212.9	200.0	182.3	159.5
30°	298.6	311.0	316.5	324.2	316.5	311.0	298.6	283.0	259.2	231.1	198.9
27.5°	423.8	445.6	457.6	468.8	457.6	445.6	423.8	396.9	349.6	310.0	256.3
25°	637.7	679.6	706.8	719.6	706.8	679.6	637.7	583.3	508.5	437.0	348.9
22.5°	992.0	1069.3	1129.0	1141.0	1129.0	1069.3	992.0	875.2	754.5	629.1	493.4
20°	1542.2	1652.9	1743.0	1788.3	1743.0	1652.9	1542.2	1343.9	1139.4	927.0	727.6
17.5°	2556.4	2786.6	2891.7	2909.0	2891.7	2786.6	2556.4	2181.7	1867.2	1507.0	1109.4
15°	4065.0	4454.6	4701.9	4861.1	4701.9	4454.6	4065.0	3425.1	2828.7	2264.1	1644.6
12.5°	5786.3	6893.3	7523.2	7763.3	7523.2	6893.3	5786.3	4777.3	3808.1	2957.1	2181.4
10°	8122.5	10728.5	12231.8	12988.2	12231.8	10728.5	8122.5	6472.1	4922.6	3663.3	2632.4
7.5°	12087.6	16112.6	20572.1	22635.3	20572.1	16112.6	12087.6	8262.8	6094.7	4426.3	3137.5
5°	16256.0	25093.1	32849.6	36563.9	32849.6	25093.1	16256.0	11014.1	7339.8	5104.4	3579.9
2.5°	21046.7	32964.5	43983.5	48616.7	43983.5	32964.5	21046.7	13027.1	8260.3	5508.2	3830.2
0°	22890.6	36772.9	48824.0	53371.6	48824.0	36772.9	22890.6	13460.4	8426.4	5653.0	3876.0
-2.5°	21331.8	33541.9	44172.8	49369.0	44172.8	33541.9	21331.8	12976.5	8335.4	5647.6	3912.6
-5°	16949.2	25231.4	33104.6	37338.9	33104.6	25231.4	16949.2	11420.9	7618.5	5306.8	3707.9
-7.5°	12439.7	16948.4	21320.9	22849.9	21320.9	16948.4	12439.7	8796.8	6441.9	4686.7	3368.7
-10°	8660.7	11242.6	12946.9	13433.3	12946.9	11242.6	8660.7	6917.1	5317.1	4016.4	2920.9
-12.5°	6421.1	7550.4	8336.1	8472.8	8336.1	7550.4	6421.1	5342.3	4236.7	3323.2	2512.4
-15°	4754.6	5328.9	5734.2	5761.5	5734.2	5328.9	4754.6	4101.8	3362.2	2668.6	2018.2
-17.5°	3475.6	3861.2	4065.7	4051.1	4065.7	3861.2	3475.6	3008.7	2570.5	2042.4	1564.5
-20°	2485.3	2717.6	2882.5	2850.2	2882.5	2717.6	2485.3	2174.4	1871.6	1500.3	1184.9



REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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°	1732.9	1887.2	1983.7	1958.9	1983.7	1887.2	1732.9	1519.5	1309.7	1096.6	866.0
-25°	1177.5	1261.6	1309.3	1301.4	1309.3	1261.6	1177.5	1055.8	911.9	782.1	630.1
-27.5°	802.4	846.8	861.6	860.8	861.6	846.8	802.4	728.3	629.2	563.7	483.8
-30°	556.9	586.7	603.8	593.1	603.8	586.7	556.9	518.5	467.0	424.9	378.7
-32.5°	415.1	431.9	441.6	431.5	441.6	431.9	415.1	393.9	366.5	336.9	304.9
-35°	327.1	335.6	339.1	333.3	339.1	335.6	327.1	314.1	296.5	276.6	254.3
-37.5°	266.7	271.7	273.4	270.0	273.4	271.7	266.7	258.9	248.2	235.3	220.6
-40°	226.0	229.0	229.8	227.1	229.8	229.0	226.0	221.3	214.9	207.0	196.7
-42.5°	197.7	199.6	200.0	198.8	200.0	199.6	197.7	194.8	190.1	184.0	177.0
-45°	176.7	178.3	178.6	177.4	178.6	178.3	176.7	174.4	170.5	165.2	159.0
-47.5°	159.7	160.6	160.9	160.4	160.9	160.6	159.7	158.2	155.2	150.6	145.2
-50°	146.7	147.3	147.4	146.9	147.4	147.3	146.7	145.6	143.2	138.7	133.6
-52.5°	135.8	136.2	136.5	136.7	136.5	136.2	135.8	134.9	133.1	128.9	124.4
-55°	126.6	127.2	127.6	127.7	127.6	127.2	126.6	125.8	124.5	120.5	116.0
-57.5°	118.7	119.3	119.6	119.7	119.6	119.3	118.7	118.0	117.0	113.1	108.9
-60°	110.6	111.2	111.7	111.8	111.7	111.2	110.6	109.7	108.6	105.3	101.3
-62.5°	99.8	100.1	100.4	100.5	100.4	100.1	99.8	99.3	98.4	95.8	92.2
-65°	89.3	89.9	90.3	90.4	90.3	89.9	89.3	88.5	87.3	84.9	81.7
-67.5°	77.9	78.7	79.5	80.2	79.5	78.7	77.9	76.9	75.6	73.6	70.8
-70°	67.5	68.5	68.8	68.9	68.8	68.5	67.5	66.4	65.1	63.3	60.9
-72.5°	57.4	58.4	59.2	59.9	59.2	58.4	57.4	56.4	55.2	53.7	51.6
-75°	47.4	48.3	48.5	48.6	48.5	48.3	47.4	46.4	45.3	44.0	42.1
-77.5°	37.4	38.2	38.4	38.4	38.4	38.2	37.4	36.5	35.6	34.5	33.2
-80°	27.6	28.1	28.8	29.4	28.8	28.1	27.6	27.1	26.6	26.0	25.0
-82.5°	19.0	19.1	19.2	19.2	19.2	19.1	19.0	18.9	18.7	18.4	17.5
-85°	12.0	12.3	12.4	12.4	12.4	12.3	12.0	11.7	11.3	10.9	10.5
-87.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.1
-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: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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°	1.1	1.2	1.3	1.2	0.9	0.6	0.7	0.8	0.6	0.1	0.4
60°	4.3	2.7	3.8	4.2	3.7	2.7	2.7	2.5	2.1	1.7	1.1
57.5°	13.9	13.5	11.1	9.5	9.1	8.0	6.6	5.3	4.6	3.8	2.7
55°	19.2	18.4	17.1	15.3	13.3	12.7	11.5	9.9	8.3	6.4	5.2
52.5°	23.6	23.8	23.0	20.8	19.0	17.8	16.3	14.7	12.8	11.0	8.5
50°	33.7	32.4	31.2	29.9	27.1	24.3	22.3	20.2	17.4	15.4	13.3
47.5°	43.1	41.1	39.9	38.2	34.9	32.0	28.9	25.8	22.4	19.2	17.2
45°	51.0	48.3	45.8	43.7	40.9	37.5	34.7	31.4	27.5	23.7	20.2
42.5°	59.1	54.9	51.6	49.5	46.0	42.6	39.4	36.9	32.6	28.3	24.8
40°	69.9	61.5	58.4	57.5	54.2	48.7	46.1	43.2	38.7	33.1	29.6
37.5°	87.7	76.4	70.9	68.0	65.0	59.2	54.1	50.4	46.3	39.9	35.0
35°	112.9	99.7	87.5	81.3	77.8	70.0	63.2	58.1	53.2	47.2	40.8
32.5°	135.0	120.1	105.6	94.7	86.8	79.6	72.1	65.8	59.4	53.2	46.9
30°	167.3	142.3	122.4	107.0	96.9	87.9	79.9	72.3	65.1	58.6	52.2
27.5°	211.1	171.2	144.1	122.5	107.4	96.8	87.6	78.7	70.5	63.5	57.0
25°	275.5	211.7	171.3	142.1	120.2	106.6	96.1	85.8	76.3	68.3	62.8
22.5°	368.1	280.9	214.3	163.2	138.9	121.6	106.2	93.2	82.4	75.2	68.7
20°	527.5	376.1	277.5	212.0	167.2	139.4	118.3	103.1	92.0	82.8	74.7
17.5°	800.0	554.3	359.4	273.0	209.2	166.1	135.7	115.5	101.5	90.5	80.8
15°	1133.9	760.7	502.4	351.8	256.4	188.3	152.0	127.7	111.3	98.6	87.0
12.5°	1481.6	957.1	620.8	411.6	290.2	211.9	169.0	141.7	121.0	104.3	91.0
10°	1783.7	1159.0	740.2	482.3	328.4	234.6	182.5	150.5	126.7	108.5	94.4
7.5°	2117.5	1365.4	850.1	534.0	359.9	252.8	191.7	156.4	131.5	112.0	97.2
5°	2364.8	1523.0	943.0	581.2	383.6	266.7	198.8	160.7	135.3	114.7	99.4
2.5°	2530.7	1632.8	1001.4	613.8	398.3	277.3	204.5	164.6	138.2	117.5	101.9
0°	2582.5	1643.7	1046.1	633.8	407.8	286.9	209.0	168.3	140.1	119.7	103.9
-2.5°	2598.3	1662.5	1041.6	638.1	411.1	292.1	210.9	169.0	141.6	120.6	104.2
-5°	2495.1	1613.9	1018.3	633.7	408.7	292.0	214.1	170.3	142.4	120.9	104.0
-7.5°	2313.8	1508.6	957.2	605.0	396.8	287.4	216.4	171.9	143.2	121.8	104.8
-10°	2038.1	1339.7	862.1	556.8	377.1	278.4	214.3	171.0	142.7	121.6	105.0
-12.5°	1760.7	1150.5	739.0	489.3	344.9	261.9	206.2	167.5	140.9	120.4	104.5
-15°	1408.4	962.9	647.8	443.0	315.9	244.1	196.0	162.0	137.9	118.1	103.3
-17.5°	1131.3	781.2	530.6	380.0	287.9	228.5	188.1	157.5	134.3	115.9	101.7
-20°	870.2	615.3	449.2	334.3	259.2	209.2	177.3	151.0	130.2	113.5	100.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	655.8	498.3	372.8	287.3	232.3	194.4	166.6	143.7	125.2	110.1	98.2
-25°	509.6	397.4	311.8	253.8	208.7	178.0	156.6	137.9	121.3	106.8	95.8
-27.5°	403.0	322.7	267.6	222.6	189.6	166.9	148.5	132.0	117.1	104.3	93.4
-30°	326.3	274.2	231.7	198.1	174.5	155.5	140.7	126.8	113.1	101.0	90.8
-32.5°	267.3	235.3	203.4	179.2	159.6	145.1	133.0	121.3	108.3	97.7	88.1
-35°	228.9	205.6	183.0	163.6	147.1	136.0	125.3	114.4	103.8	93.9	85.0
-37.5°	202.2	183.1	166.1	150.5	138.2	127.8	118.4	108.7	99.1	90.0	81.8
-40°	181.3	165.1	151.7	139.8	130.0	121.1	112.5	103.6	95.0	86.0	78.4
-42.5°	164.3	151.5	139.8	130.8	122.4	114.8	107.3	99.5	91.1	82.5	74.5
-45°	150.2	140.2	130.5	122.4	115.3	108.9	103.1	95.3	87.1	78.5	70.3
-47.5°	138.5	130.2	122.1	114.5	108.7	103.1	97.5	90.7	82.0	73.9	67.0
-50°	128.0	121.3	114.4	107.5	102.4	97.3	91.4	84.2	76.8	70.1	63.6
-52.5°	119.6	113.6	107.6	101.8	96.7	91.4	85.1	78.9	72.5	66.3	60.3
-55°	111.1	106.2	101.4	96.6	91.8	86.3	80.5	74.4	68.1	62.3	56.1
-57.5°	104.4	99.9	95.6	91.3	87.0	81.5	75.6	69.6	63.2	57.3	51.5
-60°	97.3	93.4	89.1	84.9	80.8	76.0	69.6	63.4	57.5	51.9	46.3
-62.5°	88.4	84.6	80.9	76.8	72.6	67.9	62.0	56.3	51.1	46.2	41.2
-65°	78.2	74.7	71.1	67.2	62.7	57.8	52.8	48.6	44.7	40.5	36.1
-67.5°	67.8	64.7	61.0	57.0	53.1	49.2	45.6	42.0	38.3	34.5	30.6
-70°	58.4	55.9	52.9	49.4	45.8	42.1	38.7	35.3	31.9	28.7	25.7
-72.5°	49.4	47.1	44.4	41.2	38.0	34.9	32.0	29.3	26.6	24.0	21.2
-75°	40.3	38.3	36.2	33.6	31.0	28.4	26.0	23.8	21.5	19.2	16.9
-77.5°	31.8	30.3	28.8	26.7	24.7	22.6	20.6	18.6	16.8	15.0	13.4
-80°	24.0	22.9	21.7	20.1	18.5	16.9	15.3	13.9	12.7	11.5	10.4
-82.5°	16.7	15.8	15.0	13.8	12.7	11.6	10.5	9.6	8.8	8.0	7.3
-85°	10.1	9.6	9.1	8.4	7.8	7.2	6.7	6.2	5.7	5.3	4.8
-87.5°	4.7	4.4	4.1	4.0	3.9	3.8	3.7	3.3	3.0	2.7	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

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Scaled Data Report



REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-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	0.2	0.2	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.4	0.5	0.3
67.5°	0.0	0.0	0.0	0.2	0.4	0.3	0.1	0.2	0.4	0.7	0.6
65°	0.4	0.3	0.0	0.3	0.5	0.7	0.5	0.3	0.5	0.7	0.9
62.5°	0.6	0.8	0.6	0.5	0.6	0.9	1.0	0.7	0.6	0.8	1.0
60°	0.7	1.0	1.1	0.9	0.8	0.9	1.1	1.0	0.8	0.8	1.1
57.5°	2.0	1.3	1.3	1.2	1.0	1.0	1.1	1.1	1.0	0.9	1.1
55°	3.7	2.7	1.9	1.5	1.3	1.1	1.1	1.1	1.1	1.0	1.1
52.5°	6.4	4.7	3.4	2.3	1.7	1.3	1.3	1.1	1.1	1.1	1.1
50°	10.2	7.3	5.4	3.9	2.4	1.9	1.5	1.3	1.1	1.1	1.1
47.5°	14.9	11.0	7.9	5.6	4.0	2.6	2.0	1.6	1.1	1.1	1.1
45°	18.4	15.3	11.0	7.9	5.5	3.9	2.7	1.9	1.4	1.1	1.1
42.5°	21.9	19.1	14.9	10.2	7.7	5.3	3.5	2.5	1.7	1.2	1.1
40°	26.3	22.7	18.7	13.9	10.0	6.7	4.7	3.2	2.1	1.4	1.2
37.5°	30.8	26.9	22.4	17.4	12.6	8.9	5.9	4.0	2.6	1.8	1.4
35°	35.9	31.1	26.1	20.8	15.7	11.2	7.2	4.9	3.3	2.3	1.5
32.5°	41.0	35.3	29.6	24.1	18.6	13.5	8.9	6.0	4.0	2.7	1.7
30°	46.0	39.3	32.8	27.3	21.3	16.0	11.0	7.3	4.7	3.2	1.9
27.5°	50.5	43.3	35.9	30.1	24.1	18.3	13.2	8.7	5.3	3.6	2.3
25°	55.3	47.4	39.4	32.6	26.7	20.7	15.2	10.1	6.3	4.2	2.6
22.5°	60.7	51.5	42.7	34.8	29.4	23.0	17.1	11.9	7.4	4.7	3.0
20°	66.4	55.5	46.1	38.0	31.9	25.3	19.0	13.5	8.6	5.2	3.3
17.5°	72.4	60.0	50.3	41.7	34.4	27.5	20.8	14.9	9.7	5.6	3.7
15°	76.4	64.4	54.0	45.1	37.0	29.5	22.5	16.2	10.9	6.1	4.0
12.5°	79.7	68.3	57.2	48.3	39.5	31.3	24.1	17.4	12.0	6.6	4.4
10°	82.7	71.5	60.1	51.2	41.9	33.0	25.6	18.5	13.0	7.4	4.7
7.5°	85.3	74.2	62.5	53.8	44.2	34.7	26.8	19.4	13.9	8.1	4.9
5°	87.4	76.4	64.6	55.5	46.3	36.5	27.8	20.2	14.7	8.8	5.2
2.5°	89.1	78.5	66.3	56.7	48.1	38.1	28.7	20.9	15.3	9.5	5.4
0°	90.4	80.2	67.8	57.6	49.7	39.5	29.4	21.5	15.8	10.2	5.6
-2.5°	91.2	80.5	69.3	58.7	50.6	40.7	30.8	22.2	16.2	10.8	5.9
-5°	91.5	80.4	70.5	59.5	51.3	41.7	31.9	22.8	16.6	11.3	6.3
-7.5°	92.0	80.8	71.1	60.1	51.8	42.4	32.8	23.3	16.8	11.7	6.5
-10°	92.2	81.2	71.3	60.9	52.2	42.9	33.3	23.6	17.0	12.0	6.8
-12.5°	91.9	81.1	71.3	61.4	52.4	43.2	33.7	24.0	17.2	12.2	7.0
-15°	91.2	80.7	71.1	61.4	52.3	43.4	33.8	24.4	17.5	12.2	7.2
-17.5°	90.1	79.8	70.8	61.1	52.1	43.3	33.7	24.6	17.7	12.1	7.4
-20°	89.0	78.9	70.5	60.2	51.7	43.0	33.4	24.5	17.7	11.9	7.5

Classified

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



REPORT NUMBER: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	87.5	78.1	69.2	59.4	51.2	42.6	32.9	24.2	17.5	11.7	7.6
-25°	85.7	76.9	67.8	58.8	50.4	41.9	32.4	23.7	17.1	11.3	7.6
-27.5°	83.8	75.2	66.3	57.9	49.5	40.9	31.6	23.2	16.5	10.9	7.6
-30°	81.7	73.4	65.0	56.7	48.1	39.5	30.6	22.4	15.9	10.6	7.5
-32.5°	79.3	71.5	63.5	54.9	46.4	38.0	29.3	21.3	15.2	10.5	7.4
-35°	77.0	69.4	61.7	52.6	44.5	36.3	27.9	20.0	14.4	10.3	7.3
-37.5°	74.2	66.8	58.8	50.2	42.5	34.5	26.7	19.2	13.5	10.0	7.2
-40°	71.0	63.6	55.4	47.9	40.5	32.6	25.3	18.5	12.9	9.6	7.0
-42.5°	67.4	60.1	52.7	45.6	38.3	31.0	23.9	17.7	12.7	9.3	6.8
-45°	63.7	56.9	50.2	43.2	36.1	29.3	22.7	16.7	12.3	9.0	6.6
-47.5°	60.3	54.2	47.5	40.6	34.1	27.6	21.4	16.1	11.7	8.7	6.4
-50°	57.4	51.2	44.5	37.9	31.9	25.9	20.0	15.2	11.3	8.4	6.1
-52.5°	54.1	47.7	41.2	35.0	29.5	23.9	18.7	14.2	10.7	7.9	5.8
-55°	50.1	43.8	37.6	32.2	26.9	22.1	17.3	13.2	9.8	7.4	5.4
-57.5°	45.5	39.4	34.3	29.3	24.4	20.0	15.7	11.9	9.1	6.9	4.9
-60°	40.7	35.8	31.1	26.3	21.8	17.7	13.9	10.7	8.4	6.3	4.5
-62.5°	36.5	32.0	27.4	23.0	19.0	15.4	12.0	9.7	7.6	5.7	4.0
-65°	31.7	27.5	23.3	19.7	16.2	13.1	10.8	8.7	6.7	5.0	3.5
-67.5°	26.6	23.2	19.7	16.4	13.9	11.6	9.5	7.5	5.8	4.2	3.2
-70°	22.5	19.3	16.4	14.1	12.0	10.0	8.1	6.4	4.8	3.8	2.9
-72.5°	18.6	16.1	13.9	11.9	10.0	8.2	6.6	5.2	4.2	3.3	2.6
-75°	14.8	13.0	11.2	9.5	7.9	6.5	5.4	4.4	3.6	2.8	2.3
-77.5°	11.9	10.3	8.7	7.4	6.4	5.5	4.5	3.6	3.0	2.5	1.9
-80°	9.1	8.0	7.0	6.2	5.3	4.4	3.7	3.0	2.6	2.1	1.6
-82.5°	6.6	6.0	5.4	4.9	4.3	3.6	3.1	2.6	2.1	1.7	1.2
-85°	4.5	4.2	3.9	3.7	3.3	2.8	2.4	1.9	1.5	1.2	0.8
-87.5°	2.3	2.2	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.4
-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: P626668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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	0.0	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	0.1	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.3	0.3	0.1	0.1	0.2	0.0
65°	0.6	0.5	0.4	0.2	0.1	0.3	0.0
62.5°	0.9	0.6	0.6	0.4	0.1	0.3	0.0
60°	1.1	0.8	0.7	0.5	0.1	0.3	0.0
57.5°	1.1	0.9	0.8	0.6	0.2	0.3	0.0
55°	1.1	1.0	0.8	0.7	0.3	0.4	0.0
52.5°	1.1	1.1	0.9	0.8	0.4	0.4	0.0
50°	1.1	1.1	1.0	0.9	0.5	0.4	0.0
47.5°	1.1	1.1	1.0	1.0	0.6	0.5	0.0
45°	1.1	1.1	1.1	1.1	0.6	0.5	0.0
42.5°	1.1	1.1	1.1	1.1	0.7	0.5	0.0
40°	1.1	1.1	1.1	1.1	0.8	0.6	0.0
37.5°	1.1	1.1	1.1	1.1	0.8	0.6	0.0
35°	1.1	1.1	1.1	1.1	0.9	0.6	0.0
32.5°	1.1	1.1	1.1	1.1	0.9	0.7	0.0
30°	1.3	1.1	1.1	1.1	1.0	0.7	0.0
27.5°	1.4	1.1	1.1	1.1	1.0	0.8	0.0
25°	1.5	1.1	1.1	1.1	1.0	0.8	0.0
22.5°	1.7	1.1	1.1	1.1	1.0	0.8	0.0
20°	1.8	1.2	1.1	1.1	1.1	0.9	0.0
17.5°	2.0	1.3	1.1	1.1	1.1	0.9	0.0
15°	2.3	1.4	1.1	1.1	1.1	0.9	0.0
12.5°	2.5	1.6	1.1	1.1	1.1	1.0	0.0
10°	2.7	1.7	1.1	1.1	1.1	1.0	0.0
7.5°	2.9	1.9	1.1	1.1	1.1	1.0	0.0
5°	3.1	2.0	1.1	1.1	1.1	1.0	0.0
2.5°	3.2	2.2	1.1	1.1	1.1	1.1	0.0
0°	3.4	2.3	1.1	1.1	1.1	1.1	0.0
-2.5°	3.7	2.4	1.2	1.1	1.1	1.1	0.0
-5°	4.0	2.5	1.3	1.1	1.1	1.1	0.0
-7.5°	4.2	2.6	1.4	1.1	1.1	1.1	0.0
-10°	4.4	2.7	1.5	1.1	1.1	1.1	0.0
-12.5°	4.6	2.8	1.6	1.1	1.1	1.1	0.0
-15°	4.7	2.8	1.6	1.1	1.1	1.1	0.0
-17.5°	4.8	2.9	1.7	1.1	1.1	1.0	0.0
-20°	4.9	2.9	1.7	1.1	1.1	1.0	0.0

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CATALOG NUMBER: GFLD-SA1C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.0	2.9	1.7	1.1	1.1	1.0	0.0
-25°	5.0	3.0	1.7	1.1	1.1	1.0	0.0
-27.5°	5.0	3.1	1.7	1.1	1.1	1.0	0.0
-30°	5.0	3.1	1.7	1.1	1.1	1.0	0.0
-32.5°	4.9	3.2	1.7	1.1	1.1	0.9	0.0
-35°	4.9	3.2	1.6	1.1	1.1	0.9	0.0
-37.5°	4.9	3.1	1.6	1.1	1.1	0.9	0.0
-40°	4.8	3.1	1.5	1.1	1.1	0.8	0.0
-42.5°	4.7	3.0	1.5	1.1	1.1	0.8	0.0
-45°	4.6	2.8	1.5	1.1	1.1	0.8	0.0
-47.5°	4.4	2.7	1.6	1.2	1.1	0.7	0.0
-50°	4.2	2.5	1.6	1.2	1.1	0.7	0.0
-52.5°	3.9	2.3	1.6	1.2	1.1	0.7	0.0
-55°	3.6	2.2	1.6	1.2	1.1	0.6	0.0
-57.5°	3.3	2.2	1.6	1.2	1.1	0.6	0.0
-60°	2.9	2.1	1.5	1.2	1.1	0.5	0.0
-62.5°	2.8	2.0	1.5	1.2	1.0	0.5	0.0
-65°	2.6	1.9	1.4	1.2	0.9	0.5	0.0
-67.5°	2.4	1.8	1.4	1.1	0.8	0.4	0.0
-70°	2.2	1.7	1.3	1.1	0.8	0.4	0.0
-72.5°	2.0	1.5	1.2	1.0	0.7	0.3	0.0
-75°	1.7	1.3	1.1	0.9	0.6	0.3	0.0
-77.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)