

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: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626598 (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-SA1B-727-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

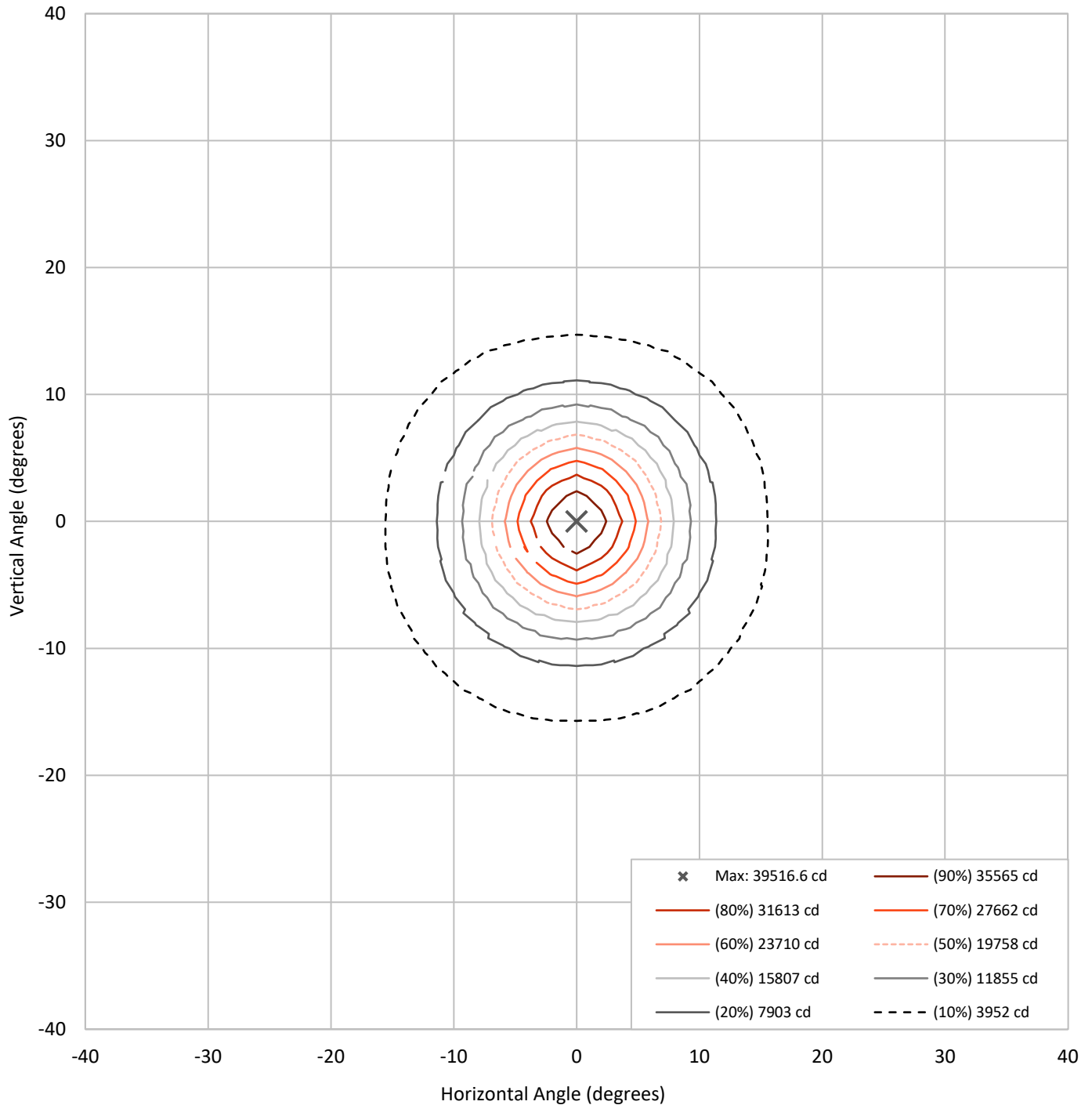
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3898.4 lumens	Max Intensity:	39516.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.4 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:	1244.5 lumens	Field Lumens:	2772 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	33.5		
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		



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Iso-Candela Plot





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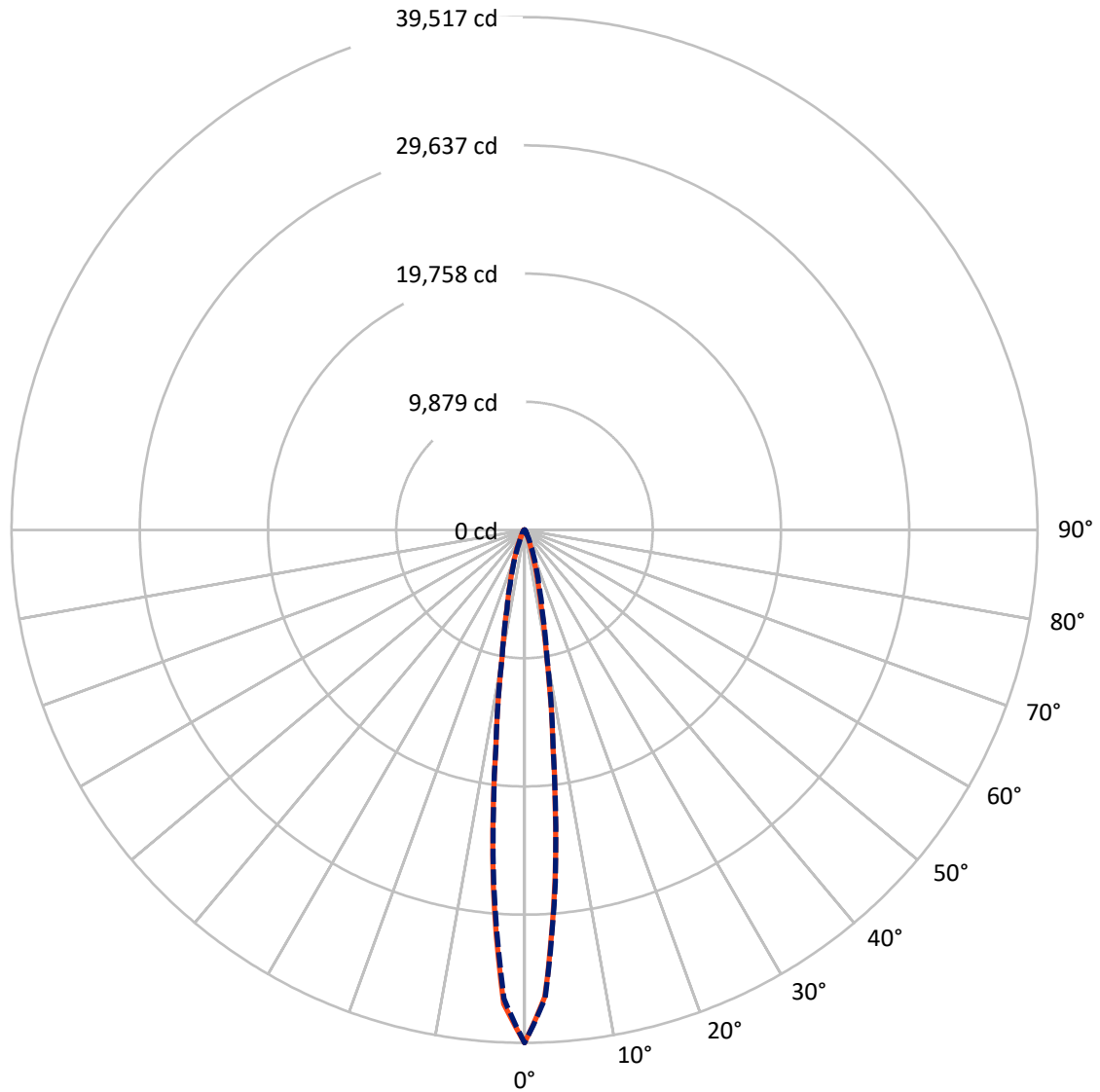
CATALOG NUMBER: GFLD-SA1B-727-U-NR-VSR-XX

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	0.2	0.3	0.5	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0		
40	0.0	0.0	0.1	0.3	0.6	0.9	1.3	1.6	1.6	1.3	0.9	0.6	0.3	0.1	0.0	0.0	
30	0.0	0.1	0.3	0.7	1.2	1.9	3.2	4.0	4.0	3.2	1.9	1.2	0.7	0.3	0.1	0.0	
20	0.0	0.1	0.4	1.0	1.8	4.0	10.6	17.5	17.5	10.6	4.0	1.8	1.0	0.4	0.1	0.0	
10	0.0	0.2	0.6	1.4	3.0	11.9	50.0	109.8	109.8	50.0	11.9	3.0	1.4	0.6	0.2	0.0	
0	0.1	0.2	0.7	1.6	4.1	22.3	119.7	537.0	537.0	119.7	22.3	4.1	1.6	0.7	0.2	0.1	
-10	0.1	0.2	0.8	1.7	4.4	23.7	123.9	546.1	546.1	123.9	23.7	4.4	1.7	0.8	0.2	0.1	
-20	0.1	0.3	0.8	1.7	3.9	15.1	60.2	128.7	128.7	60.2	15.1	3.9	1.7	0.8	0.3	0.1	
-30	0.1	0.2	0.8	1.6	3.0	7.1	18.5	30.9	30.9	18.5	7.1	3.0	1.6	0.8	0.2	0.1	
-40	0.1	0.2	0.7	1.4	2.3	3.9	6.3	8.0	8.0	6.3	3.9	2.3	1.4	0.7	0.2	0.1	
-50	0.1	0.2	0.6	1.1	1.9	2.7	3.6	4.1	4.1	3.6	2.7	1.9	1.1	0.6	0.2	0.1	
-60	0.0	0.1	0.4	0.9	1.5	2.1	2.6	2.9	2.9	2.6	2.1	1.5	0.9	0.4	0.1	0.0	
-70	0.0	0.1	0.3	0.6	1.0	1.4	1.8	2.0	2.0	1.8	1.4	1.0	0.6	0.3	0.1	0.0	
-80	0.0	0.2		1.0		2.2		2.7		2.2		1.0		0.2		0.0	
-90	0.0																

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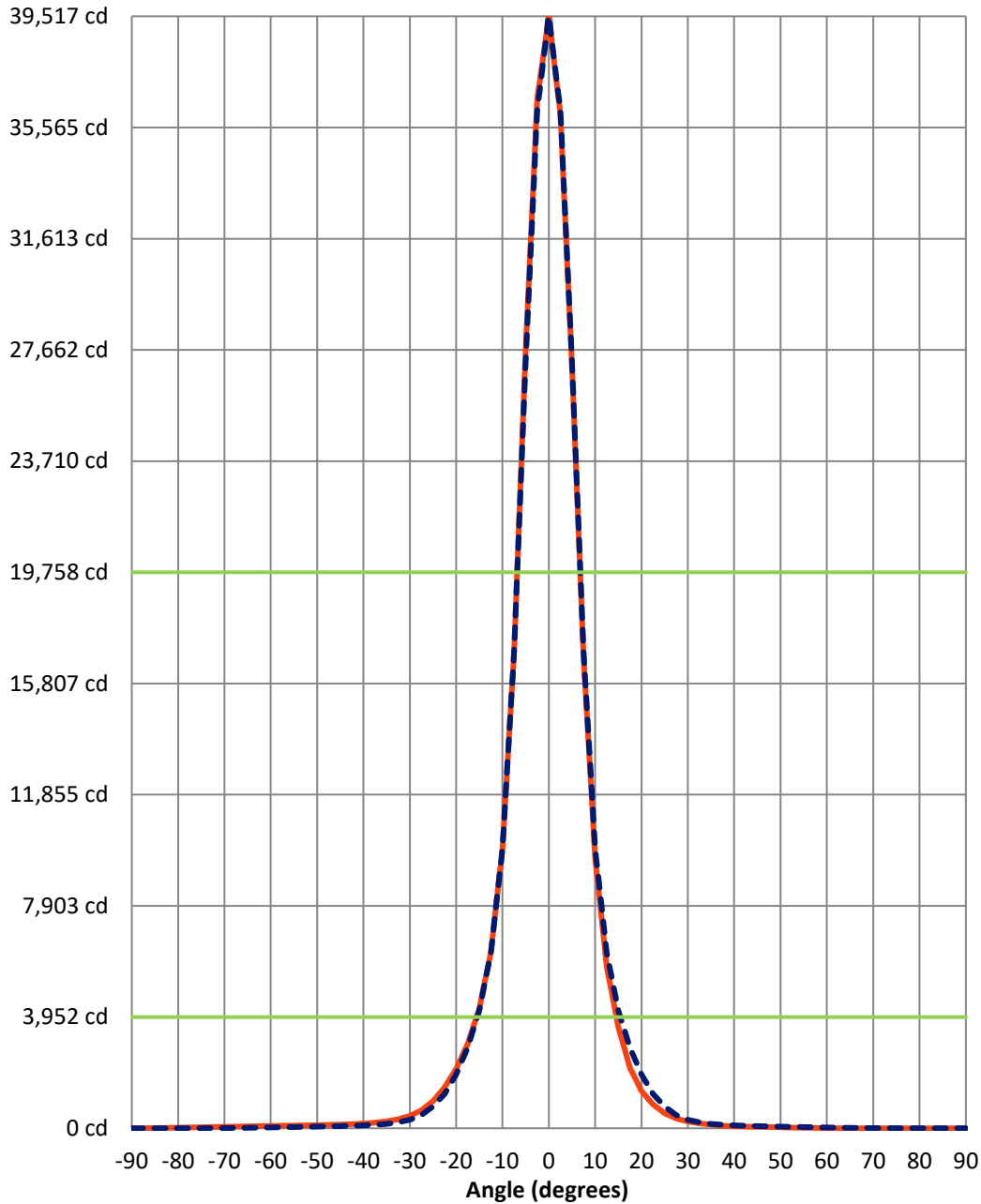
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 1244.5
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 2772
Efficiency: 71.1%

Spill:
Lumens: 1126.4
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	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.1
70°	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.2	0.3	0.3	0.1
67.5°	0.0	0.2	0.0	0.1	0.2	0.2	0.3	0.5	0.5	0.3	0.1
65°	0.0	0.2	0.1	0.2	0.3	0.3	0.5	0.7	0.5	0.4	0.2
62.5°	0.0	0.2	0.1	0.3	0.4	0.5	0.6	0.8	0.6	0.4	0.5
60°	0.0	0.2	0.1	0.3	0.5	0.6	0.8	0.8	0.6	0.6	0.7
57.5°	0.0	0.2	0.2	0.4	0.6	0.7	0.8	0.8	0.7	0.7	0.8
55°	0.0	0.3	0.2	0.5	0.6	0.7	0.8	0.8	0.7	0.8	0.8
52.5°	0.0	0.3	0.3	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.8
50°	0.0	0.3	0.4	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9
47.5°	0.0	0.3	0.4	0.8	0.7	0.8	0.8	0.8	0.8	0.8	1.1
45°	0.0	0.4	0.5	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.4
42.5°	0.0	0.4	0.5	0.8	0.8	0.8	0.8	0.8	0.9	1.3	1.8
40°	0.0	0.4	0.6	0.8	0.8	0.8	0.8	0.9	1.0	1.6	2.4
37.5°	0.0	0.4	0.6	0.8	0.8	0.8	0.8	1.0	1.3	1.9	2.9
35°	0.0	0.5	0.6	0.8	0.8	0.8	0.8	1.1	1.7	2.5	3.6
32.5°	0.0	0.5	0.7	0.8	0.8	0.8	0.8	1.2	2.0	3.0	4.5
30°	0.0	0.5	0.7	0.8	0.8	0.8	0.9	1.4	2.3	3.4	5.4
27.5°	0.0	0.5	0.7	0.8	0.8	0.8	1.0	1.7	2.7	3.9	6.4
25°	0.0	0.6	0.7	0.8	0.8	0.8	1.1	1.9	3.1	4.6	7.5
22.5°	0.0	0.6	0.8	0.8	0.8	0.8	1.2	2.2	3.4	5.5	8.8
20°	0.0	0.6	0.8	0.8	0.8	0.9	1.4	2.5	3.8	6.3	10.0
17.5°	0.0	0.6	0.8	0.8	0.8	1.0	1.5	2.7	4.1	7.2	11.0
15°	0.0	0.7	0.8	0.8	0.8	1.1	1.7	3.0	4.5	8.0	12.0
12.5°	0.0	0.7	0.8	0.8	0.8	1.2	1.8	3.2	4.9	8.8	12.9
10°	0.0	0.7	0.8	0.8	0.8	1.3	2.0	3.5	5.4	9.6	13.6
7.5°	0.0	0.7	0.8	0.8	0.8	1.4	2.1	3.7	6.0	10.3	14.3
5°	0.0	0.8	0.8	0.8	0.8	1.5	2.3	3.9	6.5	10.8	14.9
2.5°	0.0	0.8	0.8	0.8	0.8	1.6	2.4	4.0	7.0	11.3	15.5
0°	0.0	0.8	0.8	0.8	0.8	1.7	2.5	4.2	7.5	11.7	15.9
-2.5°	0.0	0.8	0.8	0.8	0.9	1.8	2.7	4.5	7.9	12.0	16.4
-5°	0.0	0.8	0.8	0.8	1.0	1.9	2.9	4.7	8.3	12.3	16.9
-7.5°	0.0	0.8	0.8	0.8	1.0	1.9	3.1	4.9	8.6	12.5	17.2
-10°	0.0	0.8	0.8	0.8	1.1	2.0	3.3	5.1	8.8	12.6	17.4
-12.5°	0.0	0.8	0.8	0.8	1.2	2.0	3.4	5.2	9.0	12.7	17.7
-15°	0.0	0.8	0.8	0.8	1.2	2.1	3.5	5.4	9.0	13.0	18.1
-17.5°	0.0	0.8	0.8	0.8	1.2	2.1	3.6	5.5	8.9	13.1	18.2
-20°	0.0	0.8	0.8	0.8	1.3	2.1	3.7	5.6	8.8	13.1	18.2

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CATALOG NUMBER: GFLD-SA1B-727-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	0.7	0.8	0.8	1.3	2.2	3.7	5.7	8.6	12.9	18.0
-25°	0.0	0.7	0.8	0.8	1.3	2.2	3.7	5.7	8.4	12.6	17.6
-27.5°	0.0	0.7	0.8	0.8	1.3	2.3	3.7	5.7	8.0	12.2	17.2
-30°	0.0	0.7	0.8	0.8	1.2	2.3	3.7	5.6	7.8	11.7	16.6
-32.5°	0.0	0.7	0.8	0.8	1.2	2.3	3.7	5.5	7.7	11.2	15.8
-35°	0.0	0.7	0.8	0.8	1.2	2.3	3.7	5.4	7.6	10.6	14.8
-37.5°	0.0	0.6	0.8	0.8	1.2	2.3	3.6	5.3	7.4	9.9	14.2
-40°	0.0	0.6	0.8	0.8	1.1	2.3	3.6	5.2	7.1	9.5	13.7
-42.5°	0.0	0.6	0.8	0.8	1.1	2.2	3.5	5.1	6.9	9.3	13.0
-45°	0.0	0.6	0.8	0.8	1.1	2.1	3.4	4.9	6.7	9.0	12.3
-47.5°	0.0	0.5	0.8	0.8	1.2	2.0	3.3	4.8	6.5	8.7	11.9
-50°	0.0	0.5	0.8	0.9	1.2	1.8	3.1	4.6	6.2	8.3	11.3
-52.5°	0.0	0.5	0.8	0.9	1.2	1.7	2.9	4.3	5.9	7.9	10.5
-55°	0.0	0.5	0.8	0.9	1.2	1.6	2.7	4.0	5.6	7.3	9.8
-57.5°	0.0	0.4	0.8	0.9	1.2	1.6	2.4	3.7	5.2	6.8	8.9
-60°	0.0	0.4	0.8	0.9	1.1	1.6	2.2	3.3	4.7	6.2	7.9
-62.5°	0.0	0.4	0.7	0.9	1.1	1.5	2.1	2.9	4.2	5.6	7.2
-65°	0.0	0.3	0.7	0.8	1.1	1.4	1.9	2.6	3.7	5.0	6.4
-67.5°	0.0	0.3	0.6	0.8	1.0	1.3	1.8	2.4	3.1	4.3	5.6
-70°	0.0	0.3	0.5	0.8	0.9	1.2	1.6	2.2	2.8	3.6	4.7
-72.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.5	1.9	2.5	3.1	3.9
-75°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.1	2.6	3.3
-77.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.4	1.8	2.2	2.6
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.2	1.5	1.9	2.2
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.6	1.9
-85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.4
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	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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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	0.2	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.4	0.5	0.4	0.2	0.0	0.2	0.3	0.2	0.0	0.0	0.0
62.5°	0.7	0.6	0.4	0.3	0.5	0.6	0.5	0.3	0.1	0.4	0.6
60°	0.8	0.7	0.6	0.6	0.8	0.7	0.5	0.8	1.2	1.6	1.9
57.5°	0.8	0.7	0.7	0.9	0.9	0.9	1.5	2.0	2.8	3.5	3.9
55°	0.8	0.8	0.9	1.1	1.4	2.0	2.7	3.9	4.8	6.2	7.3
52.5°	0.9	0.9	1.3	1.7	2.5	3.5	4.8	6.4	8.1	9.5	10.9
50°	1.1	1.4	1.8	2.9	4.0	5.5	7.6	9.9	11.4	12.9	14.9
47.5°	1.5	1.9	3.0	4.2	5.8	8.1	11.1	12.7	14.2	16.6	19.1
45°	2.0	2.9	4.2	5.9	8.1	11.3	13.7	15.1	17.6	20.3	23.2
42.5°	2.5	3.9	5.7	7.5	11.0	14.1	16.2	18.4	21.0	24.2	27.3
40°	3.5	5.0	7.4	10.2	13.8	16.8	19.5	21.9	24.5	28.7	32.0
37.5°	4.4	6.6	9.3	12.9	16.6	19.9	22.8	25.9	29.5	34.3	37.3
35°	5.3	8.3	11.6	15.4	19.3	23.0	26.6	30.2	34.9	39.4	43.0
32.5°	6.6	10.0	13.7	17.8	21.9	26.1	30.4	34.7	39.4	44.0	48.7
30°	8.2	11.9	15.8	20.1	24.3	29.1	34.1	38.7	43.4	48.2	53.5
27.5°	9.8	13.6	17.8	22.2	26.6	32.1	37.4	42.2	47.1	52.3	58.3
25°	11.3	15.3	19.7	24.1	29.2	35.1	41.0	46.5	50.6	56.5	63.6
22.5°	12.7	17.0	21.7	25.8	31.7	38.1	44.9	50.9	55.7	61.0	69.1
20°	14.1	18.7	23.6	28.2	34.2	41.2	49.2	55.4	61.3	68.1	76.4
17.5°	15.4	20.3	25.5	30.9	37.2	44.4	53.5	59.9	67.0	75.1	85.5
15°	16.7	21.8	27.4	33.4	40.0	47.7	56.5	64.4	72.9	82.3	94.5
12.5°	17.9	23.2	29.2	35.7	42.4	50.6	59.0	67.3	77.2	89.5	104.9
10°	19.0	24.4	31.0	37.9	44.5	53.0	61.2	69.9	80.3	93.8	111.4
7.5°	19.9	25.7	32.7	39.8	46.3	54.9	63.1	72.0	82.9	97.4	115.8
5°	20.6	27.0	34.3	41.1	47.8	56.6	64.7	73.6	85.0	100.1	119.0
2.5°	21.2	28.2	35.6	42.0	49.1	58.2	66.0	75.5	87.1	102.3	121.9
0°	21.7	29.3	36.8	42.7	50.2	59.4	66.9	77.0	88.7	103.7	124.6
-2.5°	22.7	30.2	37.5	43.5	51.3	59.6	67.5	77.2	89.3	104.8	125.1
-5°	23.6	30.8	38.0	44.1	52.2	59.5	67.8	77.0	89.5	105.4	126.0
-7.5°	24.2	31.4	38.3	44.6	52.6	59.8	68.2	77.6	90.1	106.0	127.2
-10°	24.7	31.8	38.6	45.1	52.8	60.1	68.3	77.7	90.0	105.6	126.6
-12.5°	24.9	32.0	38.8	45.5	52.8	60.1	68.1	77.3	89.1	104.3	124.0
-15°	25.0	32.1	38.7	45.5	52.6	59.8	67.6	76.4	87.5	102.1	119.9
-17.5°	24.9	32.0	38.6	45.2	52.5	59.1	66.8	75.3	85.8	99.4	116.6
-20°	24.7	31.9	38.3	44.6	52.2	58.5	65.9	74.1	84.0	96.4	111.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	24.4	31.6	37.9	44.0	51.2	57.8	64.8	72.7	81.5	92.7	106.4
-25°	24.0	31.0	37.4	43.5	50.2	56.9	63.4	71.0	79.0	89.8	102.1
-27.5°	23.4	30.3	36.6	42.9	49.1	55.7	62.1	69.1	77.2	86.7	97.7
-30°	22.7	29.3	35.6	42.0	48.1	54.3	60.5	67.2	74.8	83.7	93.9
-32.5°	21.7	28.1	34.4	40.6	47.0	52.9	58.8	65.2	72.3	80.1	89.8
-35°	20.7	26.9	33.0	39.0	45.6	51.4	57.0	62.9	69.5	76.8	84.7
-37.5°	19.7	25.6	31.5	37.2	43.5	49.5	54.9	60.6	66.7	73.4	80.5
-40°	18.7	24.2	30.0	35.5	41.0	47.1	52.6	58.0	63.6	70.3	76.7
-42.5°	17.7	23.0	28.3	33.8	39.0	44.5	49.9	55.2	61.1	67.5	73.7
-45°	16.8	21.7	26.7	32.0	37.2	42.1	47.2	52.1	58.2	64.5	70.6
-47.5°	15.8	20.5	25.3	30.0	35.2	40.1	44.7	49.6	54.8	60.8	67.2
-50°	14.8	19.2	23.6	28.1	32.9	37.9	42.5	47.1	52.0	56.9	62.4
-52.5°	13.9	17.7	21.8	25.9	30.5	35.4	40.1	44.6	49.1	53.7	58.4
-55°	12.8	16.4	20.0	23.8	27.8	32.4	37.1	41.6	46.1	50.5	55.1
-57.5°	11.7	14.8	18.1	21.7	25.4	29.1	33.6	38.1	42.4	46.8	51.5
-60°	10.3	13.2	16.2	19.5	23.0	26.5	30.1	34.2	38.4	42.5	46.9
-62.5°	8.9	11.4	14.1	17.0	20.3	23.7	27.0	30.5	34.2	37.8	41.6
-65°	8.0	9.7	12.0	14.6	17.3	20.4	23.5	26.7	30.0	33.1	36.0
-67.5°	7.1	8.6	10.3	12.2	14.6	17.2	19.7	22.6	25.5	28.3	31.1
-70°	6.0	7.4	8.9	10.5	12.2	14.3	16.6	19.0	21.2	23.6	26.1
-72.5°	4.9	6.1	7.4	8.8	10.3	11.9	13.7	15.7	17.7	19.7	21.7
-75°	4.1	4.9	5.9	7.1	8.4	9.6	11.0	12.5	14.2	15.9	17.6
-77.5°	3.3	4.1	4.8	5.5	6.5	7.6	8.8	9.9	11.1	12.4	13.8
-80°	2.7	3.3	3.9	4.6	5.2	6.0	6.8	7.7	8.5	9.4	10.3
-82.5°	2.3	2.7	3.2	3.7	4.0	4.4	4.8	5.4	5.9	6.5	7.1
-85°	1.7	2.1	2.4	2.7	2.9	3.1	3.3	3.5	3.9	4.2	4.6
-87.5°	0.9	1.0	1.2	1.4	1.5	1.6	1.7	1.8	2.0	2.2	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: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.0
62.5°	0.5	0.4	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.7
60°	2.0	2.0	2.8	3.1	2.9	2.0	3.2	3.7	3.6	3.1	3.0
57.5°	4.9	6.0	6.7	7.1	8.2	10.0	10.3	9.7	9.5	9.7	11.2
55°	8.5	9.4	9.8	11.3	12.7	13.6	14.2	14.8	15.6	16.7	17.8
52.5°	12.0	13.2	14.1	15.5	17.1	17.6	17.5	19.6	21.2	22.2	22.6
50°	16.5	18.0	20.1	22.2	23.1	24.0	24.9	26.7	29.2	32.2	34.0
47.5°	21.3	23.7	25.8	28.3	29.5	30.5	31.9	34.9	38.4	41.7	43.4
45°	25.7	27.8	30.3	32.4	33.9	35.7	37.8	40.4	44.4	47.9	50.3
42.5°	29.2	31.5	34.1	36.6	38.2	40.7	43.8	47.4	51.6	55.2	57.9
40°	34.1	36.1	40.2	42.6	43.2	45.5	51.8	56.8	61.4	65.9	68.1
37.5°	40.1	43.9	48.1	50.3	52.5	56.6	65.0	73.0	79.0	85.0	88.2
35°	46.8	51.8	57.6	60.2	64.8	73.8	83.6	94.8	108.6	114.5	119.8
32.5°	53.4	59.0	64.3	70.1	78.2	88.9	99.9	118.1	135.0	148.1	157.6
30°	59.2	65.1	71.7	79.2	90.6	105.3	123.8	147.3	171.1	191.9	209.5
27.5°	64.9	71.7	79.5	90.7	106.7	126.7	156.3	189.7	229.5	258.9	293.9
25°	71.2	78.9	89.0	105.2	126.8	156.8	204.0	258.3	323.6	376.5	431.9
22.5°	78.6	90.0	102.9	120.9	158.7	208.0	272.5	365.3	465.8	558.6	648.0
20°	87.6	103.2	123.8	157.0	205.5	278.4	390.6	538.7	686.3	843.6	995.0
17.5°	100.4	123.0	155.0	202.2	266.1	410.4	592.3	821.4	1115.7	1382.5	1615.4
15°	112.5	139.4	189.9	260.5	372.0	563.2	839.5	1217.6	1676.4	2094.5	2536.0
12.5°	125.1	156.9	214.9	304.8	459.6	708.7	1097.0	1615.1	2189.5	2819.5	3537.2
10°	135.1	173.7	243.1	357.1	548.0	858.1	1320.7	1949.0	2712.3	3644.7	4791.9
7.5°	141.9	187.2	266.5	395.4	629.4	1011.0	1567.8	2323.1	3277.3	4512.5	6117.8
5°	147.2	197.5	284.0	430.4	698.3	1127.6	1750.9	2650.6	3779.4	5434.4	8154.8
2.5°	151.4	205.4	294.9	454.4	741.4	1208.9	1873.8	2835.9	4078.2	6116.0	9645.3
0°	154.7	212.5	302.0	469.2	774.5	1217.0	1912.1	2869.8	4185.5	6239.0	9966.1
-2.5°	156.1	216.3	304.4	472.5	771.2	1231.0	1923.8	2896.9	4181.5	6171.6	9607.9
-5°	158.5	216.2	302.5	469.2	753.9	1194.9	1847.4	2745.4	3929.2	5640.8	8456.1
-7.5°	160.2	212.8	293.8	447.9	708.7	1117.0	1713.2	2494.2	3470.1	4769.6	6513.2
-10°	158.6	206.1	279.2	412.3	638.3	991.9	1509.0	2162.6	2973.8	3936.8	5121.4
-12.5°	152.7	193.9	255.4	362.3	547.2	851.8	1303.6	1860.2	2460.5	3136.8	3955.4
-15°	145.1	180.7	233.9	328.0	479.6	712.9	1042.8	1494.3	1975.8	2489.4	3037.0
-17.5°	139.2	169.2	213.2	281.3	392.8	578.4	837.6	1158.3	1512.2	1903.2	2227.7
-20°	131.3	155.0	191.9	247.5	332.6	455.5	644.3	877.3	1110.8	1385.8	1609.9

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	123.3	143.9	172.0	212.8	276.1	368.9	485.6	641.2	811.9	969.7	1125.0
-25°	116.0	131.8	154.5	187.9	230.9	294.3	377.3	466.6	579.1	675.1	781.7
-27.5°	110.0	123.6	140.3	164.8	198.2	238.9	298.4	358.2	417.4	465.9	539.2
-30°	104.2	115.2	129.2	146.6	171.6	203.0	241.6	280.4	314.6	345.8	384.0
-32.5°	98.5	107.4	118.2	132.7	150.6	174.2	197.9	225.7	249.5	271.4	291.7
-35°	92.8	100.7	108.9	121.2	135.5	152.2	169.4	188.3	204.7	219.5	232.6
-37.5°	87.7	94.6	102.3	111.4	123.0	135.6	149.7	163.4	174.2	183.8	191.7
-40°	83.3	89.7	96.3	103.5	112.3	122.3	134.2	145.6	153.3	159.1	163.9
-42.5°	79.4	85.0	90.7	96.9	103.6	112.2	121.6	131.0	136.2	140.7	144.2
-45°	76.3	80.6	85.3	90.7	96.6	103.8	111.2	117.7	122.3	126.2	129.1
-47.5°	72.2	76.4	80.5	84.8	90.4	96.4	102.5	107.5	111.5	114.9	117.1
-50°	67.7	72.1	75.8	79.7	84.8	89.9	94.8	98.9	102.7	106.0	107.8
-52.5°	63.0	67.7	71.6	75.3	79.6	84.1	88.6	92.1	95.4	98.5	99.9
-55°	59.7	63.9	68.0	71.5	75.1	78.6	82.2	85.9	89.2	92.2	93.1
-57.5°	56.0	60.4	64.4	67.6	70.8	74.0	77.3	80.6	83.8	86.7	87.4
-60°	51.5	56.3	59.9	62.8	65.9	69.1	72.0	75.0	78.0	80.4	81.2
-62.5°	45.9	50.2	53.7	56.9	59.9	62.6	65.5	68.2	70.9	72.9	73.5
-65°	39.1	42.8	46.4	49.7	52.6	55.3	57.9	60.4	62.9	64.6	65.5
-67.5°	33.8	36.4	39.3	42.2	45.2	47.9	50.2	52.4	54.5	56.0	56.9
-70°	28.6	31.1	33.9	36.6	39.2	41.4	43.3	45.1	46.8	48.1	49.1
-72.5°	23.7	25.8	28.1	30.5	32.8	34.8	36.6	38.2	39.7	40.8	41.7
-75°	19.3	21.0	22.9	24.9	26.8	28.4	29.8	31.2	32.6	33.6	34.4
-77.5°	15.3	16.8	18.3	19.8	21.3	22.5	23.5	24.6	25.6	26.3	27.0
-80°	11.3	12.5	13.7	14.9	16.1	17.0	17.8	18.5	19.3	19.7	20.1
-82.5°	7.7	8.5	9.4	10.2	11.0	11.7	12.3	13.0	13.6	13.8	14.0
-85°	4.9	5.3	5.8	6.2	6.7	7.1	7.4	7.8	8.1	8.4	8.7
-87.5°	2.7	2.8	2.9	2.9	3.0	3.3	3.5	3.8	4.1	4.1	4.1
-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: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.7
60°	2.9	2.5	2.5	2.5	2.5	2.5	2.9	3.0	3.1	3.6	3.7
57.5°	12.7	14.2	14.6	14.2	14.6	14.2	12.7	11.2	9.7	9.5	9.7
55°	18.5	18.9	19.1	19.2	19.1	18.9	18.5	17.8	16.7	15.6	14.8
52.5°	22.7	22.6	22.5	22.6	22.5	22.6	22.7	22.6	22.2	21.2	19.6
50°	34.1	33.5	33.3	33.5	33.3	33.5	34.1	34.0	32.2	29.2	26.7
47.5°	43.6	43.8	44.1	44.3	44.1	43.8	43.6	43.4	41.7	38.4	34.9
45°	51.0	51.4	51.7	51.9	51.7	51.4	51.0	50.3	47.9	44.4	40.4
42.5°	58.5	58.5	58.4	58.6	58.4	58.5	58.5	57.9	55.2	51.6	47.4
40°	69.0	69.2	68.9	68.6	68.9	69.2	69.0	68.1	65.9	61.4	56.8
37.5°	90.1	90.4	89.4	88.7	89.4	90.4	90.1	88.2	85.0	79.0	73.0
35°	124.6	128.2	129.9	130.5	129.9	128.2	124.6	119.8	114.5	108.6	94.8
32.5°	164.3	169.2	171.7	174.0	171.7	169.2	164.3	157.6	148.1	135.0	118.1
30°	221.1	230.3	234.3	240.1	234.3	230.3	221.1	209.5	191.9	171.1	147.3
27.5°	313.8	329.9	338.8	347.1	338.8	329.9	313.8	293.9	258.9	229.5	189.7
25°	472.1	503.2	523.3	532.8	523.3	503.2	472.1	431.9	376.5	323.6	258.3
22.5°	734.5	791.8	836.0	844.8	836.0	791.8	734.5	648.0	558.6	465.8	365.3
20°	1141.9	1223.9	1290.5	1324.1	1290.5	1223.9	1141.9	995.0	843.6	686.3	538.7
17.5°	1892.7	2063.2	2141.1	2153.8	2141.1	2063.2	1892.7	1615.4	1382.5	1115.7	821.4
15°	3009.7	3298.1	3481.3	3599.2	3481.3	3298.1	3009.7	2536.0	2094.5	1676.4	1217.6
12.5°	4284.2	5103.8	5570.2	5748.0	5570.2	5103.8	4284.2	3537.2	2819.5	2189.5	1615.1
10°	6014.0	7943.4	9056.4	9616.5	9056.4	7943.4	6014.0	4791.9	3644.7	2712.3	1949.0
7.5°	8949.7	11929.8	15231.7	16759.3	15231.7	11929.8	8949.7	6117.8	4512.5	3277.3	2323.1
5°	12036.0	18579.0	24322.0	27072.1	24322.0	18579.0	12036.0	8154.8	5434.4	3779.4	2650.6
2.5°	15583.1	24407.1	32565.6	35996.1	32565.6	24407.1	15583.1	9645.3	6116.0	4078.2	2835.9
0°	16948.3	27226.8	36149.5	39516.6	36149.5	27226.8	16948.3	9966.1	6239.0	4185.5	2869.8
-2.5°	15794.1	24834.6	32705.7	36553.0	32705.7	24834.6	15794.1	9607.9	6171.6	4181.5	2896.9
-5°	12549.2	18681.5	24510.8	27645.9	24510.8	18681.5	12549.2	8456.1	5640.8	3929.2	2745.4
-7.5°	9210.4	12548.7	15786.1	16918.2	15786.1	12548.7	9210.4	6513.2	4769.6	3470.1	2494.2
-10°	6412.4	8324.0	9585.9	9946.1	9585.9	8324.0	6412.4	5121.4	3936.8	2973.8	2162.6
-12.5°	4754.2	5590.3	6172.1	6273.3	6172.1	5590.3	4754.2	3955.4	3136.8	2460.5	1860.2
-15°	3520.3	3945.6	4245.6	4265.8	4245.6	3945.6	3520.3	3037.0	2489.4	1975.8	1494.3
-17.5°	2573.4	2858.8	3010.2	2999.5	3010.2	2858.8	2573.4	2227.7	1903.2	1512.2	1158.3
-20°	1840.1	2012.2	2134.2	2110.3	2134.2	2012.2	1840.1	1609.9	1385.8	1110.8	877.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	1283.1	1397.2	1468.8	1450.4	1468.8	1397.2	1283.1	1125.0	969.7	811.9	641.2
-25°	871.8	934.0	969.4	963.6	969.4	934.0	871.8	781.7	675.1	579.1	466.6
-27.5°	594.1	627.0	638.0	637.4	638.0	627.0	594.1	539.2	465.9	417.4	358.2
-30°	412.4	434.5	447.1	439.1	447.1	434.5	412.4	384.0	345.8	314.6	280.4
-32.5°	307.4	319.8	327.0	319.5	327.0	319.8	307.4	291.7	271.4	249.5	225.7
-35°	242.2	248.5	251.0	246.7	251.0	248.5	242.2	232.6	219.5	204.7	188.3
-37.5°	197.5	201.2	202.4	199.9	202.4	201.2	197.5	191.7	183.8	174.2	163.4
-40°	167.3	169.6	170.2	168.1	170.2	169.6	167.3	163.9	159.1	153.3	145.6
-42.5°	146.4	147.8	148.1	147.2	148.1	147.8	146.4	144.2	140.7	136.2	131.0
-45°	130.8	132.0	132.2	131.3	132.2	132.0	130.8	129.1	126.2	122.3	117.7
-47.5°	118.2	118.9	119.1	118.8	119.1	118.9	118.2	117.1	114.9	111.5	107.5
-50°	108.6	109.1	109.1	108.7	109.1	109.1	108.6	107.8	106.0	102.7	98.9
-52.5°	100.5	100.8	101.1	101.2	101.1	100.8	100.5	99.9	98.5	95.4	92.1
-55°	93.7	94.1	94.4	94.5	94.4	94.1	93.7	93.1	92.2	89.2	85.9
-57.5°	88.0	88.4	88.6	88.7	88.6	88.4	88.0	87.4	86.7	83.8	80.6
-60°	81.9	82.4	82.7	82.8	82.7	82.4	81.9	81.2	80.4	78.0	75.0
-62.5°	73.9	74.1	74.3	74.4	74.3	74.1	73.9	73.5	72.9	70.9	68.2
-65°	66.1	66.6	66.8	66.9	66.8	66.6	66.1	65.5	64.6	62.9	60.4
-67.5°	57.7	58.3	58.9	59.4	58.9	58.3	57.7	56.9	56.0	54.5	52.4
-70°	50.0	50.7	50.9	51.0	50.9	50.7	50.0	49.1	48.1	46.8	45.1
-72.5°	42.6	43.3	43.8	44.3	43.8	43.3	42.6	41.7	40.8	39.7	38.2
-75°	35.1	35.8	36.0	36.0	36.0	35.8	35.1	34.4	33.6	32.6	31.2
-77.5°	27.7	28.2	28.4	28.4	28.4	28.2	27.7	27.0	26.3	25.6	24.6
-80°	20.5	20.8	21.3	21.7	21.3	20.8	20.5	20.1	19.7	19.3	18.5
-82.5°	14.1	14.1	14.2	14.2	14.2	14.1	14.1	14.0	13.8	13.6	13.0
-85°	8.9	9.2	9.2	9.2	9.2	9.2	8.9	8.7	8.4	8.1	7.8
-87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
62.5°	0.8	0.9	0.9	0.9	0.7	0.4	0.5	0.6	0.4	0.1	0.3
60°	3.2	2.0	2.9	3.1	2.8	2.0	2.0	1.9	1.6	1.2	0.8
57.5°	10.3	10.0	8.2	7.1	6.7	6.0	4.9	3.9	3.5	2.8	2.0
55°	14.2	13.6	12.7	11.3	9.8	9.4	8.5	7.3	6.2	4.8	3.9
52.5°	17.5	17.6	17.1	15.5	14.1	13.2	12.0	10.9	9.5	8.1	6.4
50°	24.9	24.0	23.1	22.2	20.1	18.0	16.5	14.9	12.9	11.4	9.9
47.5°	31.9	30.5	29.5	28.3	25.8	23.7	21.3	19.1	16.6	14.2	12.7
45°	37.8	35.7	33.9	32.4	30.3	27.8	25.7	23.2	20.3	17.6	15.1
42.5°	43.8	40.7	38.2	36.6	34.1	31.5	29.2	27.3	24.2	21.0	18.4
40°	51.8	45.5	43.2	42.6	40.2	36.1	34.1	32.0	28.7	24.5	21.9
37.5°	65.0	56.6	52.5	50.3	48.1	43.9	40.1	37.3	34.3	29.5	25.9
35°	83.6	73.8	64.8	60.2	57.6	51.8	46.8	43.0	39.4	34.9	30.2
32.5°	99.9	88.9	78.2	70.1	64.3	59.0	53.4	48.7	44.0	39.4	34.7
30°	123.8	105.3	90.6	79.2	71.7	65.1	59.2	53.5	48.2	43.4	38.7
27.5°	156.3	126.7	106.7	90.7	79.5	71.7	64.9	58.3	52.3	47.1	42.2
25°	204.0	156.8	126.8	105.2	89.0	78.9	71.2	63.6	56.5	50.6	46.5
22.5°	272.5	208.0	158.7	120.9	102.9	90.0	78.6	69.1	61.0	55.7	50.9
20°	390.6	278.4	205.5	157.0	123.8	103.2	87.6	76.4	68.1	61.3	55.4
17.5°	592.3	410.4	266.1	202.2	155.0	123.0	100.4	85.5	75.1	67.0	59.9
15°	839.5	563.2	372.0	260.5	189.9	139.4	112.5	94.5	82.3	72.9	64.4
12.5°	1097.0	708.7	459.6	304.8	214.9	156.9	125.1	104.9	89.5	77.2	67.3
10°	1320.7	858.1	548.0	357.1	243.1	173.7	135.1	111.4	93.8	80.3	69.9
7.5°	1567.8	1011.0	629.4	395.4	266.5	187.2	141.9	115.8	97.4	82.9	72.0
5°	1750.9	1127.6	698.3	430.4	284.0	197.5	147.2	119.0	100.1	85.0	73.6
2.5°	1873.8	1208.9	741.4	454.4	294.9	205.4	151.4	121.9	102.3	87.1	75.5
0°	1912.1	1217.0	774.5	469.2	302.0	212.5	154.7	124.6	103.7	88.7	77.0
-2.5°	1923.8	1231.0	771.2	472.5	304.4	216.3	156.1	125.1	104.8	89.3	77.2
-5°	1847.4	1194.9	753.9	469.2	302.5	216.2	158.5	126.0	105.4	89.5	77.0
-7.5°	1713.2	1117.0	708.7	447.9	293.8	212.8	160.2	127.2	106.0	90.1	77.6
-10°	1509.0	991.9	638.3	412.3	279.2	206.1	158.6	126.6	105.6	90.0	77.7
-12.5°	1303.6	851.8	547.2	362.3	255.4	193.9	152.7	124.0	104.3	89.1	77.3
-15°	1042.8	712.9	479.6	328.0	233.9	180.7	145.1	119.9	102.1	87.5	76.4
-17.5°	837.6	578.4	392.8	281.3	213.2	169.2	139.2	116.6	99.4	85.8	75.3
-20°	644.3	455.5	332.6	247.5	191.9	155.0	131.3	111.8	96.4	84.0	74.1

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Scaled Data Report



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	485.6	368.9	276.1	212.8	172.0	143.9	123.3	106.4	92.7	81.5	72.7
-25°	377.3	294.3	230.9	187.9	154.5	131.8	116.0	102.1	89.8	79.0	71.0
-27.5°	298.4	238.9	198.2	164.8	140.3	123.6	110.0	97.7	86.7	77.2	69.1
-30°	241.6	203.0	171.6	146.6	129.2	115.2	104.2	93.9	83.7	74.8	67.2
-32.5°	197.9	174.2	150.6	132.7	118.2	107.4	98.5	89.8	80.1	72.3	65.2
-35°	169.4	152.2	135.5	121.2	108.9	100.7	92.8	84.7	76.8	69.5	62.9
-37.5°	149.7	135.6	123.0	111.4	102.3	94.6	87.7	80.5	73.4	66.7	60.6
-40°	134.2	122.3	112.3	103.5	96.3	89.7	83.3	76.7	70.3	63.6	58.0
-42.5°	121.6	112.2	103.6	96.9	90.7	85.0	79.4	73.7	67.5	61.1	55.2
-45°	111.2	103.8	96.6	90.7	85.3	80.6	76.3	70.6	64.5	58.2	52.1
-47.5°	102.5	96.4	90.4	84.8	80.5	76.4	72.2	67.2	60.8	54.8	49.6
-50°	94.8	89.9	84.8	79.7	75.8	72.1	67.7	62.4	56.9	52.0	47.1
-52.5°	88.6	84.1	79.6	75.3	71.6	67.7	63.0	58.4	53.7	49.1	44.6
-55°	82.2	78.6	75.1	71.5	68.0	63.9	59.7	55.1	50.5	46.1	41.6
-57.5°	77.3	74.0	70.8	67.6	64.4	60.4	56.0	51.5	46.8	42.4	38.1
-60°	72.0	69.1	65.9	62.8	59.9	56.3	51.5	46.9	42.5	38.4	34.2
-62.5°	65.5	62.6	59.9	56.9	53.7	50.2	45.9	41.6	37.8	34.2	30.5
-65°	57.9	55.3	52.6	49.7	46.4	42.8	39.1	36.0	33.1	30.0	26.7
-67.5°	50.2	47.9	45.2	42.2	39.3	36.4	33.8	31.1	28.3	25.5	22.6
-70°	43.3	41.4	39.2	36.6	33.9	31.1	28.6	26.1	23.6	21.2	19.0
-72.5°	36.6	34.8	32.8	30.5	28.1	25.8	23.7	21.7	19.7	17.7	15.7
-75°	29.8	28.4	26.8	24.9	22.9	21.0	19.3	17.6	15.9	14.2	12.5
-77.5°	23.5	22.5	21.3	19.8	18.3	16.8	15.3	13.8	12.4	11.1	9.9
-80°	17.8	17.0	16.1	14.9	13.7	12.5	11.3	10.3	9.4	8.5	7.7
-82.5°	12.3	11.7	11.0	10.2	9.4	8.5	7.7	7.1	6.5	5.9	5.4
-85°	7.4	7.1	6.7	6.2	5.8	5.3	4.9	4.6	4.2	3.9	3.5
-87.5°	3.5	3.3	3.0	2.9	2.9	2.8	2.7	2.5	2.2	2.0	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.0
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.3	0.3	0.2
67.5°	0.0	0.0	0.0	0.2	0.3	0.2	0.1	0.1	0.3	0.5	0.5
65°	0.3	0.2	0.0	0.2	0.4	0.5	0.4	0.2	0.4	0.5	0.7
62.5°	0.5	0.6	0.5	0.3	0.4	0.6	0.7	0.5	0.4	0.6	0.8
60°	0.5	0.7	0.8	0.6	0.6	0.7	0.8	0.7	0.6	0.6	0.8
57.5°	1.5	0.9	0.9	0.9	0.7	0.7	0.8	0.8	0.7	0.7	0.8
55°	2.7	2.0	1.4	1.1	0.9	0.8	0.8	0.8	0.8	0.7	0.8
52.5°	4.8	3.5	2.5	1.7	1.3	0.9	0.9	0.8	0.8	0.8	0.8
50°	7.6	5.5	4.0	2.9	1.8	1.4	1.1	0.9	0.8	0.8	0.8
47.5°	11.1	8.1	5.8	4.2	3.0	1.9	1.5	1.1	0.8	0.8	0.8
45°	13.7	11.3	8.1	5.9	4.2	2.9	2.0	1.4	1.0	0.8	0.8
42.5°	16.2	14.1	11.0	7.5	5.7	3.9	2.5	1.8	1.3	0.9	0.8
40°	19.5	16.8	13.8	10.2	7.4	5.0	3.5	2.4	1.6	1.0	0.9
37.5°	22.8	19.9	16.6	12.9	9.3	6.6	4.4	2.9	1.9	1.3	1.0
35°	26.6	23.0	19.3	15.4	11.6	8.3	5.3	3.6	2.5	1.7	1.1
32.5°	30.4	26.1	21.9	17.8	13.7	10.0	6.6	4.5	3.0	2.0	1.2
30°	34.1	29.1	24.3	20.1	15.8	11.9	8.2	5.4	3.4	2.3	1.4
27.5°	37.4	32.1	26.6	22.2	17.8	13.6	9.8	6.4	3.9	2.7	1.7
25°	41.0	35.1	29.2	24.1	19.7	15.3	11.3	7.5	4.6	3.1	1.9
22.5°	44.9	38.1	31.7	25.8	21.7	17.0	12.7	8.8	5.5	3.4	2.2
20°	49.2	41.2	34.2	28.2	23.6	18.7	14.1	10.0	6.3	3.8	2.5
17.5°	53.5	44.4	37.2	30.9	25.5	20.3	15.4	11.0	7.2	4.1	2.7
15°	56.5	47.7	40.0	33.4	27.4	21.8	16.7	12.0	8.0	4.5	3.0
12.5°	59.0	50.6	42.4	35.7	29.2	23.2	17.9	12.9	8.8	4.9	3.2
10°	61.2	53.0	44.5	37.9	31.0	24.4	19.0	13.6	9.6	5.4	3.5
7.5°	63.1	54.9	46.3	39.8	32.7	25.7	19.9	14.3	10.3	6.0	3.7
5°	64.7	56.6	47.8	41.1	34.3	27.0	20.6	14.9	10.8	6.5	3.9
2.5°	66.0	58.2	49.1	42.0	35.6	28.2	21.2	15.5	11.3	7.0	4.0
0°	66.9	59.4	50.2	42.7	36.8	29.3	21.7	15.9	11.7	7.5	4.2
-2.5°	67.5	59.6	51.3	43.5	37.5	30.2	22.7	16.4	12.0	7.9	4.5
-5°	67.8	59.5	52.2	44.1	38.0	30.8	23.6	16.9	12.3	8.3	4.7
-7.5°	68.2	59.8	52.6	44.6	38.3	31.4	24.2	17.2	12.5	8.6	4.9
-10°	68.3	60.1	52.8	45.1	38.6	31.8	24.7	17.4	12.6	8.8	5.1
-12.5°	68.1	60.1	52.8	45.5	38.8	32.0	24.9	17.7	12.7	9.0	5.2
-15°	67.6	59.8	52.6	45.5	38.7	32.1	25.0	18.1	13.0	9.0	5.4
-17.5°	66.8	59.1	52.5	45.2	38.6	32.0	24.9	18.2	13.1	8.9	5.5
-20°	65.9	58.5	52.2	44.6	38.3	31.9	24.7	18.2	13.1	8.8	5.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	64.8	57.8	51.2	44.0	37.9	31.6	24.4	18.0	12.9	8.6	5.7
-25°	63.4	56.9	50.2	43.5	37.4	31.0	24.0	17.6	12.6	8.4	5.7
-27.5°	62.1	55.7	49.1	42.9	36.6	30.3	23.4	17.2	12.2	8.0	5.7
-30°	60.5	54.3	48.1	42.0	35.6	29.3	22.7	16.6	11.7	7.8	5.6
-32.5°	58.8	52.9	47.0	40.6	34.4	28.1	21.7	15.8	11.2	7.7	5.5
-35°	57.0	51.4	45.6	39.0	33.0	26.9	20.7	14.8	10.6	7.6	5.4
-37.5°	54.9	49.5	43.5	37.2	31.5	25.6	19.7	14.2	9.9	7.4	5.3
-40°	52.6	47.1	41.0	35.5	30.0	24.2	18.7	13.7	9.5	7.1	5.2
-42.5°	49.9	44.5	39.0	33.8	28.3	23.0	17.7	13.0	9.3	6.9	5.1
-45°	47.2	42.1	37.2	32.0	26.7	21.7	16.8	12.3	9.0	6.7	4.9
-47.5°	44.7	40.1	35.2	30.0	25.3	20.5	15.8	11.9	8.7	6.5	4.8
-50°	42.5	37.9	32.9	28.1	23.6	19.2	14.8	11.3	8.3	6.2	4.6
-52.5°	40.1	35.4	30.5	25.9	21.8	17.7	13.9	10.5	7.9	5.9	4.3
-55°	37.1	32.4	27.8	23.8	20.0	16.4	12.8	9.8	7.3	5.6	4.0
-57.5°	33.6	29.1	25.4	21.7	18.1	14.8	11.7	8.9	6.8	5.2	3.7
-60°	30.1	26.5	23.0	19.5	16.2	13.2	10.3	7.9	6.2	4.7	3.3
-62.5°	27.0	23.7	20.3	17.0	14.1	11.4	8.9	7.2	5.6	4.2	2.9
-65°	23.5	20.4	17.3	14.6	12.0	9.7	8.0	6.4	5.0	3.7	2.6
-67.5°	19.7	17.2	14.6	12.2	10.3	8.6	7.1	5.6	4.3	3.1	2.4
-70°	16.6	14.3	12.2	10.5	8.9	7.4	6.0	4.7	3.6	2.8	2.2
-72.5°	13.7	11.9	10.3	8.8	7.4	6.1	4.9	3.9	3.1	2.5	1.9
-75°	11.0	9.6	8.4	7.1	5.9	4.9	4.1	3.3	2.6	2.1	1.7
-77.5°	8.8	7.6	6.5	5.5	4.8	4.1	3.3	2.6	2.2	1.8	1.4
-80°	6.8	6.0	5.2	4.6	3.9	3.3	2.7	2.2	1.9	1.5	1.2
-82.5°	4.8	4.4	4.0	3.7	3.2	2.7	2.3	1.9	1.6	1.3	0.9
-85°	3.3	3.1	2.9	2.7	2.4	2.1	1.7	1.4	1.1	0.8	0.6
-87.5°	1.7	1.6	1.5	1.4	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-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: P626598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	0.0	0.1	0.1	0.0	0.0	0.1	0.0
70°	0.1	0.2	0.2	0.0	0.0	0.1	0.0
67.5°	0.3	0.2	0.2	0.1	0.0	0.2	0.0
65°	0.5	0.3	0.3	0.2	0.1	0.2	0.0
62.5°	0.6	0.5	0.4	0.3	0.1	0.2	0.0
60°	0.8	0.6	0.5	0.3	0.1	0.2	0.0
57.5°	0.8	0.7	0.6	0.4	0.2	0.2	0.0
55°	0.8	0.7	0.6	0.5	0.2	0.3	0.0
52.5°	0.8	0.8	0.7	0.6	0.3	0.3	0.0
50°	0.8	0.8	0.7	0.7	0.4	0.3	0.0
47.5°	0.8	0.8	0.7	0.8	0.4	0.3	0.0
45°	0.8	0.8	0.8	0.8	0.5	0.4	0.0
42.5°	0.8	0.8	0.8	0.8	0.5	0.4	0.0
40°	0.8	0.8	0.8	0.8	0.6	0.4	0.0
37.5°	0.8	0.8	0.8	0.8	0.6	0.4	0.0
35°	0.8	0.8	0.8	0.8	0.6	0.5	0.0
32.5°	0.8	0.8	0.8	0.8	0.7	0.5	0.0
30°	0.9	0.8	0.8	0.8	0.7	0.5	0.0
27.5°	1.0	0.8	0.8	0.8	0.7	0.5	0.0
25°	1.1	0.8	0.8	0.8	0.7	0.6	0.0
22.5°	1.2	0.8	0.8	0.8	0.8	0.6	0.0
20°	1.4	0.9	0.8	0.8	0.8	0.6	0.0
17.5°	1.5	1.0	0.8	0.8	0.8	0.6	0.0
15°	1.7	1.1	0.8	0.8	0.8	0.7	0.0
12.5°	1.8	1.2	0.8	0.8	0.8	0.7	0.0
10°	2.0	1.3	0.8	0.8	0.8	0.7	0.0
7.5°	2.1	1.4	0.8	0.8	0.8	0.7	0.0
5°	2.3	1.5	0.8	0.8	0.8	0.8	0.0
2.5°	2.4	1.6	0.8	0.8	0.8	0.8	0.0
0°	2.5	1.7	0.8	0.8	0.8	0.8	0.0
-2.5°	2.7	1.8	0.9	0.8	0.8	0.8	0.0
-5°	2.9	1.9	1.0	0.8	0.8	0.8	0.0
-7.5°	3.1	1.9	1.0	0.8	0.8	0.8	0.0
-10°	3.3	2.0	1.1	0.8	0.8	0.8	0.0
-12.5°	3.4	2.0	1.2	0.8	0.8	0.8	0.0
-15°	3.5	2.1	1.2	0.8	0.8	0.8	0.0
-17.5°	3.6	2.1	1.2	0.8	0.8	0.8	0.0
-20°	3.7	2.1	1.3	0.8	0.8	0.8	0.0

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CATALOG NUMBER: GFLD-SA1B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	3.7	2.2	1.3	0.8	0.8	0.7	0.0
-25°	3.7	2.2	1.3	0.8	0.8	0.7	0.0
-27.5°	3.7	2.3	1.3	0.8	0.8	0.7	0.0
-30°	3.7	2.3	1.2	0.8	0.8	0.7	0.0
-32.5°	3.7	2.3	1.2	0.8	0.8	0.7	0.0
-35°	3.7	2.3	1.2	0.8	0.8	0.7	0.0
-37.5°	3.6	2.3	1.2	0.8	0.8	0.6	0.0
-40°	3.6	2.3	1.1	0.8	0.8	0.6	0.0
-42.5°	3.5	2.2	1.1	0.8	0.8	0.6	0.0
-45°	3.4	2.1	1.1	0.8	0.8	0.6	0.0
-47.5°	3.3	2.0	1.2	0.8	0.8	0.5	0.0
-50°	3.1	1.8	1.2	0.9	0.8	0.5	0.0
-52.5°	2.9	1.7	1.2	0.9	0.8	0.5	0.0
-55°	2.7	1.6	1.2	0.9	0.8	0.5	0.0
-57.5°	2.4	1.6	1.2	0.9	0.8	0.4	0.0
-60°	2.2	1.6	1.1	0.9	0.8	0.4	0.0
-62.5°	2.1	1.5	1.1	0.9	0.7	0.4	0.0
-65°	1.9	1.4	1.1	0.8	0.7	0.3	0.0
-67.5°	1.8	1.3	1.0	0.8	0.6	0.3	0.0
-70°	1.6	1.2	0.9	0.8	0.5	0.3	0.0
-72.5°	1.5	1.1	0.9	0.7	0.5	0.2	0.0
-75°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
-77.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	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)