

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: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-722-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N5
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

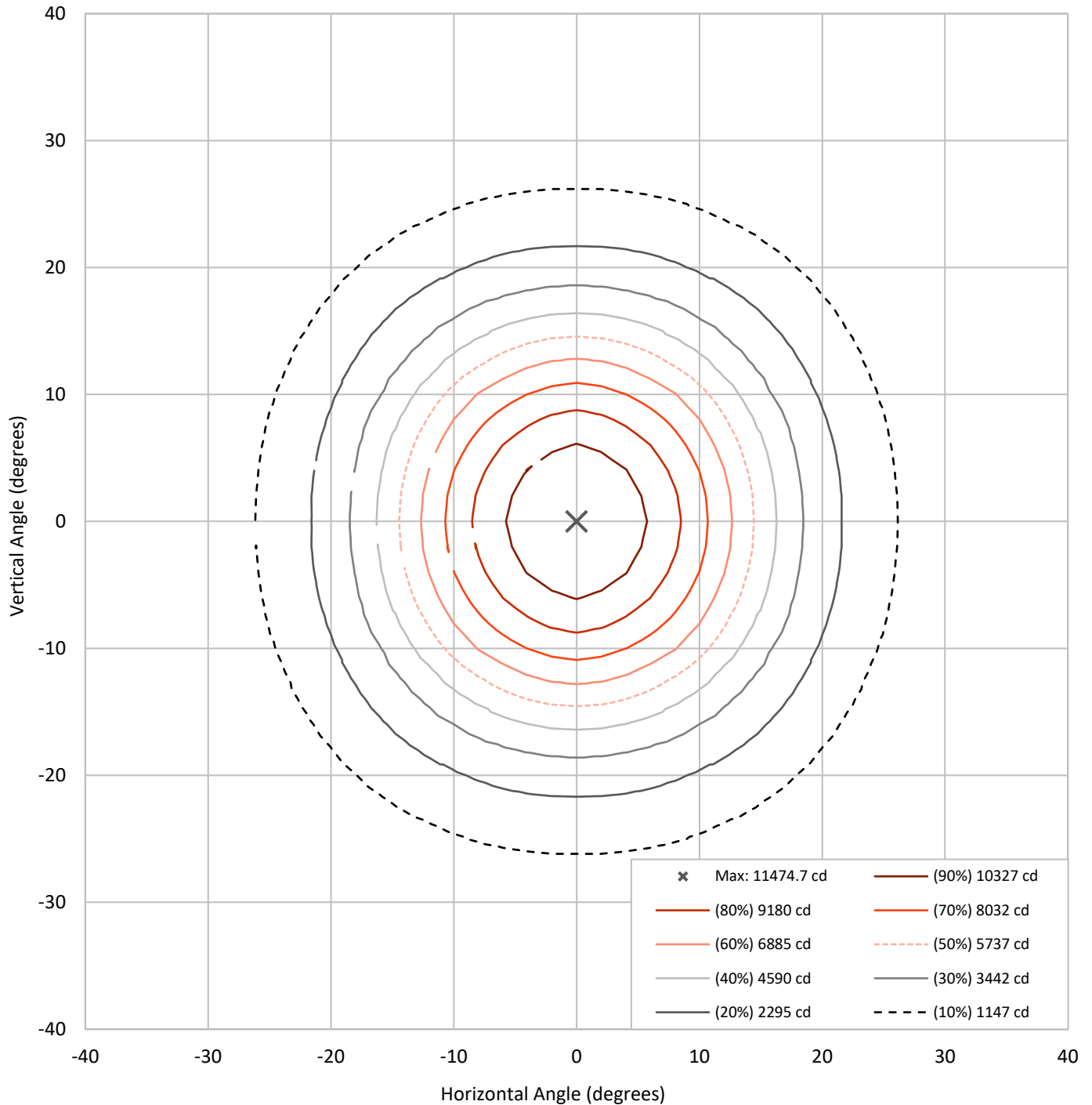
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	3585.1 lumens	Max Intensity:	11474.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	1743 lumens	Field Lumens:	2941.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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		



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





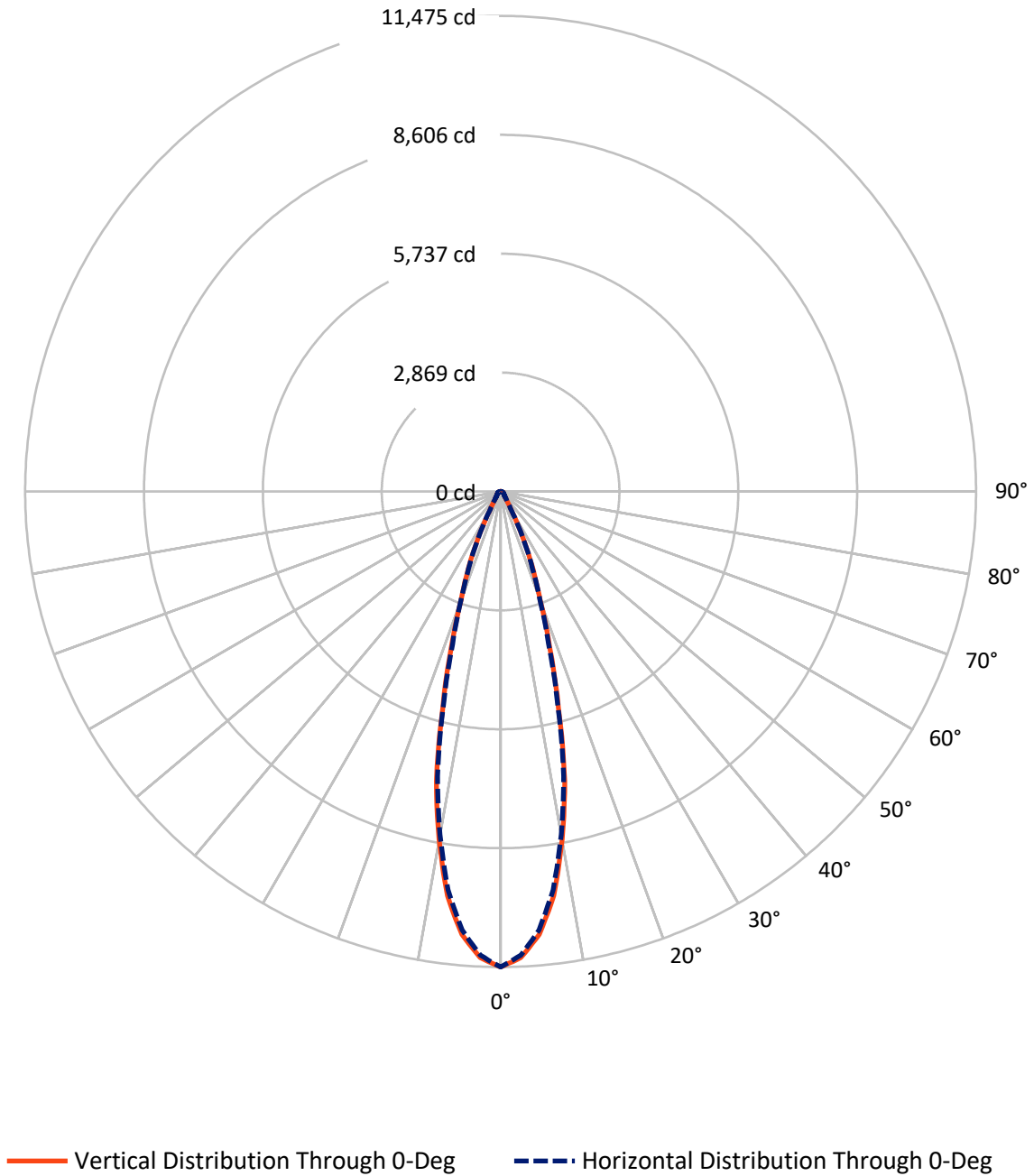
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Lumen Table

90	0.1	0.6	1.6	2.5	2.7	2.5	1.6	0.6	0.1										
80	0.1	0.6	1.6	2.5	2.7	2.5	1.6	0.6	0.1										
70	0.3	0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.0	0.6	0.3	0.3			
60		0.5	0.9	1.5	2.0	2.5	2.8	2.9	2.9	2.8	2.5	2.0	1.5	0.9	0.5				
50	0.5	0.6	1.2	1.8	2.5	3.1	3.6	3.9	3.9	3.6	3.1	2.5	1.8	1.2	0.6	0.5			
40		0.7	1.4	2.1	3.0	4.3	6.2	8.1	8.1	6.2	4.3	3.0	2.1	1.4	0.7				
30	0.6	0.8	1.5	2.4	3.9	8.4	23.6	41.9	41.9	23.6	8.4	3.9	2.4	1.5	0.8	0.6			
20		0.8	1.6	2.6	5.3	22.0	78.4	150.3	150.3	78.4	22.0	5.3	2.6	1.6	0.8				
10	0.7	0.9	1.6	2.7	6.7	38.0	145.2	285.5	285.5	145.2	38.0	6.7	2.7	1.6	0.9	0.7			
0		0.9	1.6	2.7	6.7	38.0	145.2	285.5	285.5	145.2	38.0	6.7	2.7	1.6	0.9				
-10	0.6	0.8	1.6	2.6	5.3	22.0	78.4	150.3	150.3	78.4	22.0	5.3	2.6	1.6	0.8	0.6			
-20		0.8	1.5	2.4	3.9	8.4	23.6	41.9	41.9	23.6	8.4	3.9	2.4	1.5	0.8				
-30	0.5	0.7	1.4	2.1	3.0	4.3	6.2	8.1	8.1	6.2	4.3	3.0	2.1	1.4	0.7	0.5			
-40		0.6	1.2	1.8	2.5	3.1	3.6	3.9	3.9	3.6	3.1	2.5	1.8	1.2	0.6				
-50	0.3	0.5	0.9	1.5	2.0	2.5	2.8	2.9	2.9	2.8	2.5	2.0	1.5	0.9	0.5	0.3			
-60		0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.0	0.6	0.3				
-70	0.1	0.6	1.6	2.5	2.7	2.5	1.6	0.6	0.1							0.1			
-80		0.6	1.6	2.5	2.7	2.5	1.6	0.6	0.1										
-90	0.1	0.6	1.6	2.5	2.7	2.5	1.6	0.6	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

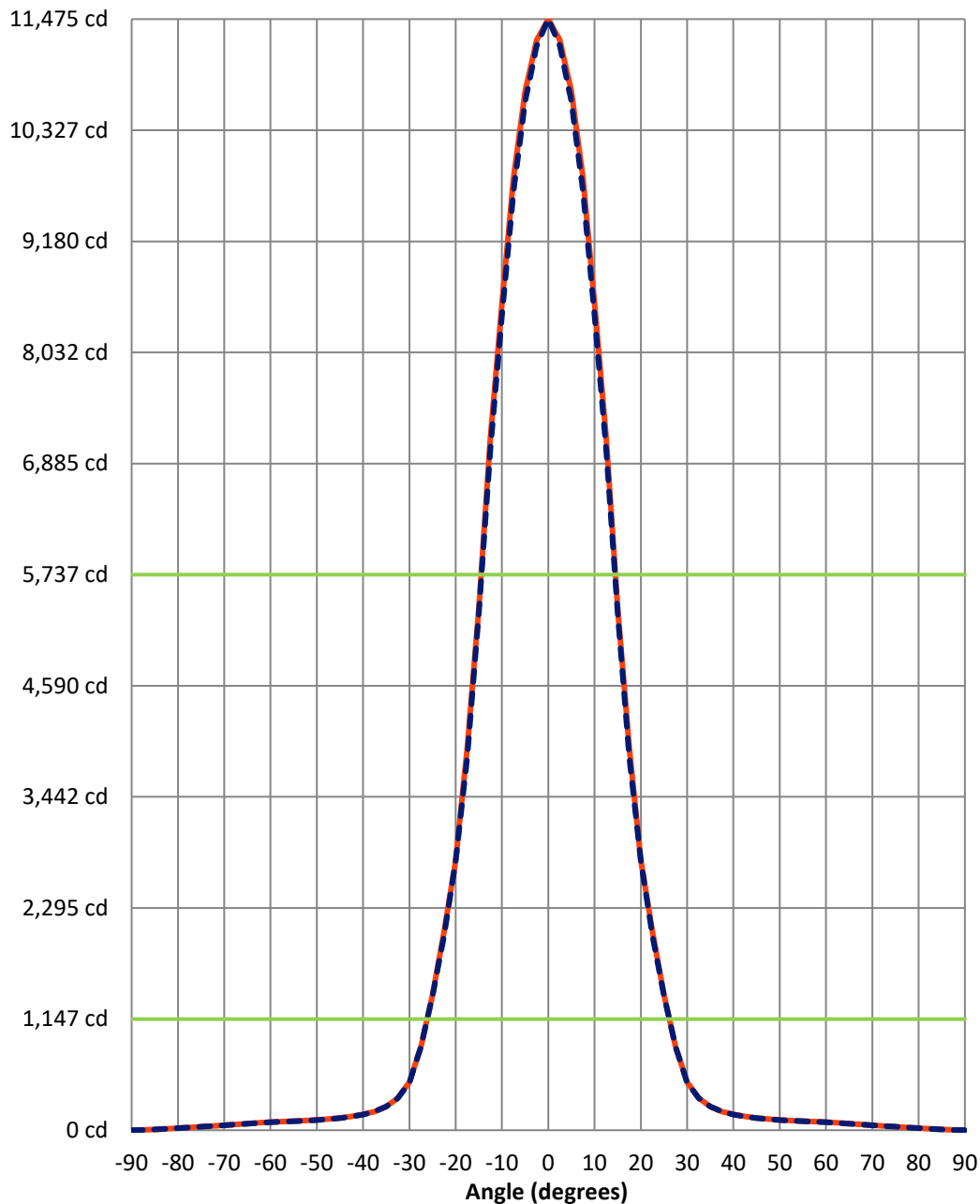
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 1743
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 2941.5
 Efficiency: 82.0%

Spill:
 Lumens: 643.6
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
82.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.7	4.5
80°	0.0	0.5	1.0	1.5	2.0	2.5	3.1	4.0	4.9	5.9	6.9
77.5°	0.0	0.6	1.3	1.9	2.5	3.3	4.4	5.5	6.8	8.0	9.4
75°	0.0	0.8	1.5	2.2	3.1	4.4	5.7	7.1	8.6	10.4	12.2
72.5°	0.0	0.9	1.7	2.6	3.9	5.5	7.0	8.7	10.8	12.8	14.9
70°	0.0	1.0	2.0	3.0	4.8	6.5	8.3	10.6	12.9	15.3	17.8
67.5°	0.0	1.1	2.2	3.7	5.6	7.6	9.9	12.4	15.0	17.9	20.7
65°	0.0	1.2	2.4	4.3	6.5	8.8	11.5	14.2	17.4	20.5	23.6
62.5°	0.0	1.3	2.7	4.9	7.3	10.0	13.0	16.2	19.6	23.0	26.6
60°	0.0	1.4	2.9	5.5	8.1	11.3	14.5	18.1	21.8	25.6	29.5
57.5°	0.0	1.6	3.3	6.1	9.0	12.5	16.1	20.0	24.0	28.1	32.4
55°	0.0	1.7	3.7	6.6	10.0	13.7	17.7	21.9	26.2	30.6	35.3
52.5°	0.0	1.8	4.0	7.2	10.9	14.9	19.2	23.7	28.2	33.1	38.0
50°	0.0	1.9	4.4	7.7	11.8	16.1	20.6	25.4	30.2	35.5	40.6
47.5°	0.0	2.0	4.7	8.3	12.7	17.2	22.0	27.0	32.3	37.8	43.0
45°	0.0	2.1	5.0	8.9	13.5	18.3	23.4	28.6	34.3	39.9	45.3
42.5°	0.0	2.1	5.4	9.5	14.3	19.4	24.7	30.2	36.2	41.8	47.4
40°	0.0	2.2	5.7	10.0	15.1	20.4	26.0	31.8	37.9	43.6	49.4
37.5°	0.0	2.3	5.9	10.6	15.8	21.3	27.1	33.2	39.4	45.3	51.3
35°	0.0	2.4	6.2	11.1	16.5	22.2	28.2	34.6	40.8	46.9	53.0
32.5°	0.0	2.4	6.5	11.5	17.2	23.0	29.3	35.8	42.2	48.5	54.8
30°	0.0	2.5	6.7	11.9	17.8	23.8	30.3	37.0	43.4	49.9	56.4
27.5°	0.0	2.6	6.9	12.3	18.3	24.6	31.2	38.0	44.6	51.2	57.8
25°	0.0	2.6	7.1	12.7	18.8	25.3	32.0	38.9	45.7	52.4	59.2
22.5°	0.0	2.7	7.3	13.0	19.3	25.9	32.8	39.7	46.6	53.5	60.5
20°	0.0	2.7	7.5	13.2	19.7	26.4	33.4	40.5	47.4	54.4	61.7
17.5°	0.0	2.8	7.6	13.4	20.1	26.9	34.0	41.1	48.2	55.3	62.8
15°	0.0	2.8	7.7	13.6	20.4	27.2	34.5	41.7	48.8	56.0	63.6
12.5°	0.0	2.8	7.9	13.8	20.7	27.5	35.0	42.2	49.4	56.6	64.4
10°	0.0	2.9	7.9	13.9	21.0	27.8	35.4	42.7	49.9	57.2	65.0
7.5°	0.0	2.9	8.0	14.0	21.2	27.9	35.7	43.0	50.3	57.8	65.8
5°	0.0	2.9	8.1	14.0	21.3	28.0	35.9	43.3	50.6	58.3	66.3
2.5°	0.0	2.9	8.1	14.0	21.4	28.0	36.1	43.4	50.7	58.7	66.8
0°	0.0	2.9	8.1	14.0	21.4	28.0	36.1	43.5	50.8	58.9	67.0
-2.5°	0.0	2.9	8.1	14.0	21.4	28.0	36.1	43.4	50.7	58.7	66.8
-5°	0.0	2.9	8.1	14.0	21.3	28.0	35.9	43.3	50.6	58.3	66.3
-7.5°	0.0	2.9	8.0	14.0	21.2	27.9	35.7	43.0	50.3	57.8	65.8
-10°	0.0	2.9	7.9	13.9	21.0	27.8	35.4	42.7	49.9	57.2	65.0
-12.5°	0.0	2.8	7.9	13.8	20.7	27.5	35.0	42.2	49.4	56.6	64.4
-15°	0.0	2.8	7.7	13.6	20.4	27.2	34.5	41.7	48.8	56.0	63.6
-17.5°	0.0	2.8	7.6	13.4	20.1	26.9	34.0	41.1	48.2	55.3	62.8
-20°	0.0	2.7	7.5	13.2	19.7	26.4	33.4	40.5	47.4	54.4	61.7

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CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.7	7.3	13.0	19.3	25.9	32.8	39.7	46.6	53.5	60.5
-25°	0.0	2.6	7.1	12.7	18.8	25.3	32.0	38.9	45.7	52.4	59.2
-27.5°	0.0	2.6	6.9	12.3	18.3	24.6	31.2	38.0	44.6	51.2	57.8
-30°	0.0	2.5	6.7	11.9	17.8	23.8	30.3	37.0	43.4	49.9	56.4
-32.5°	0.0	2.4	6.5	11.5	17.2	23.0	29.3	35.8	42.2	48.5	54.8
-35°	0.0	2.4	6.2	11.1	16.5	22.2	28.2	34.6	40.8	46.9	53.0
-37.5°	0.0	2.3	5.9	10.6	15.8	21.3	27.1	33.2	39.4	45.3	51.3
-40°	0.0	2.2	5.7	10.0	15.1	20.4	26.0	31.8	37.9	43.6	49.4
-42.5°	0.0	2.1	5.4	9.5	14.3	19.4	24.7	30.2	36.2	41.8	47.4
-45°	0.0	2.1	5.0	8.9	13.5	18.3	23.4	28.6	34.3	39.9	45.3
-47.5°	0.0	2.0	4.7	8.3	12.7	17.2	22.0	27.0	32.3	37.8	43.0
-50°	0.0	1.9	4.4	7.7	11.8	16.1	20.6	25.4	30.2	35.5	40.6
-52.5°	0.0	1.8	4.0	7.2	10.9	14.9	19.2	23.7	28.2	33.1	38.0
-55°	0.0	1.7	3.7	6.6	10.0	13.7	17.7	21.9	26.2	30.6	35.3
-57.5°	0.0	1.6	3.3	6.1	9.0	12.5	16.1	20.0	24.0	28.1	32.4
-60°	0.0	1.4	2.9	5.5	8.1	11.3	14.5	18.1	21.8	25.6	29.5
-62.5°	0.0	1.3	2.7	4.9	7.3	10.0	13.0	16.2	19.6	23.0	26.6
-65°	0.0	1.2	2.4	4.3	6.5	8.8	11.5	14.2	17.4	20.5	23.6
-67.5°	0.0	1.1	2.2	3.7	5.6	7.6	9.9	12.4	15.0	17.9	20.7
-70°	0.0	1.0	2.0	3.0	4.8	6.5	8.3	10.6	12.9	15.3	17.8
-72.5°	0.0	0.9	1.7	2.6	3.9	5.5	7.0	8.7	10.8	12.8	14.9
-75°	0.0	0.8	1.5	2.2	3.1	4.4	5.7	7.1	8.6	10.4	12.2
-77.5°	0.0	0.6	1.3	1.9	2.5	3.3	4.4	5.5	6.8	8.0	9.4
-80°	0.0	0.5	1.0	1.5	2.0	2.5	3.1	4.0	4.9	5.9	6.9
-82.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.7	4.5
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-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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CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
85°	2.7	2.9	3.3	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.4
82.5°	5.2	5.8	6.5	7.1	7.8	8.4	8.9	9.5	10.0	10.5	11.0
80°	7.9	8.8	9.7	10.5	11.3	12.1	12.9	13.6	14.4	15.1	15.9
77.5°	10.7	11.9	12.9	13.9	14.9	16.2	17.4	18.6	19.7	20.7	21.8
75°	13.7	15.0	16.4	17.8	19.3	20.8	22.3	23.7	25.1	26.5	27.9
72.5°	16.8	18.6	20.3	22.0	23.9	25.7	27.4	28.9	30.7	32.6	34.3
70°	20.1	22.1	24.3	26.5	28.6	30.6	32.7	34.8	36.9	39.0	40.9
67.5°	23.3	25.9	28.5	30.9	33.3	35.8	38.2	40.8	43.2	45.5	47.8
65°	26.8	29.7	32.6	35.3	38.0	41.0	43.9	46.7	49.8	52.7	55.2
62.5°	30.3	33.5	36.6	39.7	43.0	46.3	49.7	53.3	57.0	59.6	61.9
60°	33.5	37.2	40.7	44.3	47.9	51.6	55.5	59.3	62.7	65.6	68.0
57.5°	36.8	40.8	44.7	48.6	52.6	56.8	61.1	65.0	68.1	70.9	73.5
55°	39.9	44.4	48.5	52.6	57.2	62.2	66.6	70.0	73.2	75.5	78.0
52.5°	42.8	47.7	52.0	56.6	61.8	67.0	71.3	74.7	77.4	79.7	82.2
50°	45.6	50.5	55.3	60.6	66.0	71.2	75.6	78.7	81.4	83.9	86.3
47.5°	48.2	53.3	58.7	64.3	70.0	75.1	79.4	82.5	85.3	87.9	90.5
45°	50.7	56.1	61.8	68.0	73.8	78.9	82.7	86.2	88.8	91.7	94.9
42.5°	53.0	58.8	65.0	71.5	77.5	82.2	85.9	89.1	92.2	95.7	99.3
40°	55.3	61.3	68.0	74.9	81.0	85.0	88.7	92.2	95.8	99.7	103.7
37.5°	57.4	63.9	70.8	78.1	83.6	87.7	91.6	95.4	99.4	103.7	108.6
35°	59.3	66.3	73.6	80.5	85.8	90.3	94.5	98.7	103.2	108.3	113.8
32.5°	61.2	68.4	76.1	82.6	87.9	92.7	97.3	102.0	107.2	112.9	119.0
30°	63.1	70.5	78.3	84.7	89.7	94.6	100.0	105.3	111.0	117.3	124.6
27.5°	64.9	72.5	80.1	86.4	91.3	96.3	102.1	108.5	114.8	121.7	130.1
25°	66.6	74.5	81.9	87.7	92.7	97.9	103.9	110.8	118.2	126.3	136.7
22.5°	68.1	76.3	83.7	88.9	93.8	99.3	105.8	113.1	121.1	130.6	143.2
20°	69.6	77.7	84.8	89.9	94.7	100.5	107.4	115.1	124.2	135.7	150.8
17.5°	70.9	78.9	85.6	90.7	95.7	101.6	108.8	116.7	127.0	140.2	158.1
15°	71.9	79.8	86.3	91.4	96.6	102.8	110.2	118.8	130.1	144.7	164.5
12.5°	72.8	80.6	86.9	91.8	97.2	103.7	111.4	120.9	133.2	149.6	173.0
10°	73.5	81.2	87.3	92.1	97.7	104.3	112.4	122.5	135.7	153.6	180.3
7.5°	74.2	81.7	87.6	92.2	98.0	104.6	113.0	123.6	137.5	156.6	186.1
5°	74.7	82.1	87.8	92.5	98.2	104.7	113.5	124.2	138.6	158.7	190.2
2.5°	75.0	82.4	87.8	92.7	98.2	104.8	114.0	124.6	139.9	160.3	192.5
0°	75.1	82.5	87.6	92.8	98.0	104.6	114.2	124.5	140.7	161.3	193.0
-2.5°	75.0	82.4	87.8	92.7	98.2	104.8	114.0	124.6	139.9	160.3	192.5
-5°	74.7	82.1	87.8	92.5	98.2	104.7	113.5	124.2	138.6	158.7	190.2
-7.5°	74.2	81.7	87.6	92.2	98.0	104.6	113.0	123.6	137.5	156.6	186.1
-10°	73.5	81.2	87.3	92.1	97.7	104.3	112.4	122.5	135.7	153.6	180.3
-12.5°	72.8	80.6	86.9	91.8	97.2	103.7	111.4	120.9	133.2	149.6	173.0
-15°	71.9	79.8	86.3	91.4	96.6	102.8	110.2	118.8	130.1	144.7	164.5
-17.5°	70.9	78.9	85.6	90.7	95.7	101.6	108.8	116.7	127.0	140.2	158.1
-20°	69.6	77.7	84.8	89.9	94.7	100.5	107.4	115.1	124.2	135.7	150.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	68.1	76.3	83.7	88.9	93.8	99.3	105.8	113.1	121.1	130.6	143.2
-25°	66.6	74.5	81.9	87.7	92.7	97.9	103.9	110.8	118.2	126.3	136.7
-27.5°	64.9	72.5	80.1	86.4	91.3	96.3	102.1	108.5	114.8	121.7	130.1
-30°	63.1	70.5	78.3	84.7	89.7	94.6	100.0	105.3	111.0	117.3	124.6
-32.5°	61.2	68.4	76.1	82.6	87.9	92.7	97.3	102.0	107.2	112.9	119.0
-35°	59.3	66.3	73.6	80.5	85.8	90.3	94.5	98.7	103.2	108.3	113.8
-37.5°	57.4	63.9	70.8	78.1	83.6	87.7	91.6	95.4	99.4	103.7	108.6
-40°	55.3	61.3	68.0	74.9	81.0	85.0	88.7	92.2	95.8	99.7	103.7
-42.5°	53.0	58.8	65.0	71.5	77.5	82.2	85.9	89.1	92.2	95.7	99.3
-45°	50.7	56.1	61.8	68.0	73.8	78.9	82.7	86.2	88.8	91.7	94.9
-47.5°	48.2	53.3	58.7	64.3	70.0	75.1	79.4	82.5	85.3	87.9	90.5
-50°	45.6	50.5	55.3	60.6	66.0	71.2	75.6	78.7	81.4	83.9	86.3
-52.5°	42.8	47.7	52.0	56.6	61.8	67.0	71.3	74.7	77.4	79.7	82.2
-55°	39.9	44.4	48.5	52.6	57.2	62.2	66.6	70.0	73.2	75.5	78.0
-57.5°	36.8	40.8	44.7	48.6	52.6	56.8	61.1	65.0	68.1	70.9	73.5
-60°	33.5	37.2	40.7	44.3	47.9	51.6	55.5	59.3	62.7	65.6	68.0
-62.5°	30.3	33.5	36.6	39.7	43.0	46.3	49.7	53.3	57.0	59.6	61.9
-65°	26.8	29.7	32.6	35.3	38.0	41.0	43.9	46.7	49.8	52.7	55.2
-67.5°	23.3	25.9	28.5	30.9	33.3	35.8	38.2	40.8	43.2	45.5	47.8
-70°	20.1	22.1	24.3	26.5	28.6	30.6	32.7	34.8	36.9	39.0	40.9
-72.5°	16.8	18.6	20.3	22.0	23.9	25.7	27.4	28.9	30.7	32.6	34.3
-75°	13.7	15.0	16.4	17.8	19.3	20.8	22.3	23.7	25.1	26.5	27.9
-77.5°	10.7	11.9	12.9	13.9	14.9	16.2	17.4	18.6	19.7	20.7	21.8
-80°	7.9	8.8	9.7	10.5	11.3	12.1	12.9	13.6	14.4	15.1	15.9
-82.5°	5.2	5.8	6.5	7.1	7.8	8.4	8.9	9.5	10.0	10.5	11.0
-85°	2.7	2.9	3.3	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.4
-87.5°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
85°	6.7	6.9	7.2	7.5	7.7	7.8	7.8	7.8	7.7	7.9	7.9
82.5°	11.5	12.0	12.5	13.1	13.6	13.8	13.9	14.0	14.0	14.2	14.4
80°	16.7	17.5	18.3	19.0	19.6	20.0	20.4	20.8	21.1	21.2	21.3
77.5°	22.8	23.8	24.7	25.6	26.4	27.0	27.5	27.9	28.2	28.4	28.6
75°	29.3	30.6	31.7	32.7	33.7	34.3	34.8	35.1	35.3	35.6	35.8
72.5°	35.9	37.3	38.6	39.9	41.0	41.7	42.3	42.7	43.0	43.3	43.4
70°	42.8	44.5	45.9	47.2	48.2	48.9	49.5	50.0	50.3	50.6	50.7
67.5°	49.9	51.8	53.2	54.3	55.2	55.9	56.7	57.2	57.5	57.9	58.3
65°	57.3	59.1	60.5	61.7	62.6	63.6	64.6	65.2	65.7	66.1	66.5
62.5°	64.1	66.2	67.8	69.3	70.9	72.3	73.2	73.8	74.3	74.7	75.2
60°	70.3	72.7	74.7	76.5	78.4	80.3	81.1	81.7	82.2	82.8	83.3
57.5°	75.9	78.4	80.8	82.7	84.5	86.2	87.4	88.1	88.5	88.8	89.0
55°	80.7	83.2	85.7	87.8	89.7	91.5	92.8	93.5	94.0	94.3	94.5
52.5°	85.0	87.7	90.3	92.7	94.7	96.7	98.4	99.3	100.0	100.5	100.7
50°	89.3	92.2	95.0	97.5	99.9	102.2	104.4	105.6	106.5	107.0	107.2
47.5°	93.7	96.9	99.9	102.8	105.5	108.3	110.9	112.6	113.8	114.7	115.4
45°	98.3	101.7	105.1	108.5	111.7	115.2	118.4	120.9	122.7	124.3	125.6
42.5°	103.0	106.8	110.6	115.0	119.3	123.4	127.2	130.5	133.5	136.4	138.7
40°	108.0	112.2	117.4	122.6	128.0	132.7	138.3	143.3	148.0	152.9	157.0
37.5°	113.5	118.9	125.1	131.3	138.3	145.1	152.9	160.6	167.3	176.0	183.0
35°	119.5	126.3	133.7	142.0	151.0	161.7	172.7	185.5	196.4	210.2	223.0
32.5°	126.2	134.2	143.7	155.2	167.4	184.5	200.5	222.3	240.9	264.9	291.1
30°	132.9	143.4	156.3	171.2	191.8	216.0	244.3	281.1	320.9	362.1	417.5
27.5°	141.0	154.6	170.7	193.6	224.5	258.0	315.6	377.9	464.5	533.2	655.4
25°	149.7	166.4	190.3	223.5	266.1	334.0	431.3	543.9	717.4	871.7	1049.0
22.5°	160.0	182.7	214.3	257.8	332.0	448.9	600.8	832.1	1089.2	1343.0	1575.0
20°	170.9	198.3	242.5	313.3	428.0	597.1	868.0	1198.5	1539.9	1887.7	2180.8
17.5°	183.7	220.9	279.1	373.1	536.7	826.2	1188.1	1608.4	2054.3	2498.1	2883.6
15°	194.6	240.6	319.0	459.8	703.8	1065.9	1510.6	2041.4	2602.2	3178.2	3802.4
12.5°	208.5	264.3	360.1	531.4	852.0	1322.6	1866.8	2483.1	3167.9	3932.7	4905.9
10°	221.3	289.2	414.1	646.2	1030.1	1562.5	2174.4	2873.6	3762.0	4911.2	6085.1
7.5°	231.5	309.0	456.0	735.8	1179.6	1767.4	2451.5	3289.8	4398.0	5766.6	7107.8
5°	238.6	322.7	486.0	803.5	1299.8	1924.0	2648.1	3596.5	4934.1	6466.6	7836.2
2.5°	243.1	330.2	500.6	843.7	1378.2	2018.2	2770.7	3791.5	5262.7	6912.3	8298.9
0°	245.3	331.4	491.3	863.2	1389.1	2011.5	2782.0	3856.6	5340.7	7033.3	8414.4
-2.5°	243.1	330.2	500.6	843.7	1378.2	2018.2	2770.7	3791.5	5262.7	6912.3	8298.9
-5°	238.6	322.7	486.0	803.5	1299.8	1924.0	2648.1	3596.5	4934.1	6466.6	7836.2
-7.5°	231.5	309.0	456.0	735.8	1179.6	1767.4	2451.5	3289.8	4398.0	5766.6	7107.8
-10°	221.3	289.2	414.1	646.2	1030.1	1562.5	2174.4	2873.6	3762.0	4911.2	6085.1
-12.5°	208.5	264.3	360.1	531.4	852.0	1322.6	1866.8	2483.1	3167.9	3932.7	4905.9
-15°	194.6	240.6	319.0	459.8	703.8	1065.9	1510.6	2041.4	2602.2	3178.2	3802.4
-17.5°	183.7	220.9	279.1	373.1	536.7	826.2	1188.1	1608.4	2054.3	2498.1	2883.6
-20°	170.9	198.3	242.5	313.3	428.0	597.1	868.0	1198.5	1539.9	1887.7	2180.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	160.0	182.7	214.3	257.8	332.0	448.9	600.8	832.1	1089.2	1343.0	1575.0
-25°	149.7	166.4	190.3	223.5	266.1	334.0	431.3	543.9	717.4	871.7	1049.0
-27.5°	141.0	154.6	170.7	193.6	224.5	258.0	315.6	377.9	464.5	533.2	655.4
-30°	132.9	143.4	156.3	171.2	191.8	216.0	244.3	281.1	320.9	362.1	417.5
-32.5°	126.2	134.2	143.7	155.2	167.4	184.5	200.5	222.3	240.9	264.9	291.1
-35°	119.5	126.3	133.7	142.0	151.0	161.7	172.7	185.5	196.4	210.2	223.0
-37.5°	113.5	118.9	125.1	131.3	138.3	145.1	152.9	160.6	167.3	176.0	183.0
-40°	108.0	112.2	117.4	122.6	128.0	132.7	138.3	143.3	148.0	152.9	157.0
-42.5°	103.0	106.8	110.6	115.0	119.3	123.4	127.2	130.5	133.5	136.4	138.7
-45°	98.3	101.7	105.1	108.5	111.7	115.2	118.4	120.9	122.7	124.3	125.6
-47.5°	93.7	96.9	99.9	102.8	105.5	108.3	110.9	112.6	113.8	114.7	115.4
-50°	89.3	92.2	95.0	97.5	99.9	102.2	104.4	105.6	106.5	107.0	107.2
-52.5°	85.0	87.7	90.3	92.7	94.7	96.7	98.4	99.3	100.0	100.5	100.7
-55°	80.7	83.2	85.7	87.8	89.7	91.5	92.8	93.5	94.0	94.3	94.5
-57.5°	75.9	78.4	80.8	82.7	84.5	86.2	87.4	88.1	88.5	88.8	89.0
-60°	70.3	72.7	74.7	76.5	78.4	80.3	81.1	81.7	82.2	82.8	83.3
-62.5°	64.1	66.2	67.8	69.3	70.9	72.3	73.2	73.8	74.3	74.7	75.2
-65°	57.3	59.1	60.5	61.7	62.6	63.6	64.6	65.2	65.7	66.1	66.5
-67.5°	49.9	51.8	53.2	54.3	55.2	55.9	56.7	57.2	57.5	57.9	58.3
-70°	42.8	44.5	45.9	47.2	48.2	48.9	49.5	50.0	50.3	50.6	50.7
-72.5°	35.9	37.3	38.6	39.9	41.0	41.7	42.3	42.7	43.0	43.3	43.4
-75°	29.3	30.6	31.7	32.7	33.7	34.3	34.8	35.1	35.3	35.6	35.8
-77.5°	22.8	23.8	24.7	25.6	26.4	27.0	27.5	27.9	28.2	28.4	28.6
-80°	16.7	17.5	18.3	19.0	19.6	20.0	20.4	20.8	21.1	21.2	21.3
-82.5°	11.5	12.0	12.5	13.1	13.6	13.8	13.9	14.0	14.0	14.2	14.4
-85°	6.7	6.9	7.2	7.5	7.7	7.8	7.8	7.8	7.7	7.9	7.9
-87.5°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
-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: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
85°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	7.9	7.9	7.7	7.8
82.5°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.4	14.2	14.0	14.0
80°	21.3	21.3	21.4	21.4	21.4	21.3	21.3	21.3	21.2	21.1	20.8
77.5°	28.6	28.6	28.7	28.7	28.7	28.6	28.6	28.6	28.4	28.2	27.9
75°	35.9	35.9	36.1	36.1	36.1	35.9	35.9	35.8	35.6	35.3	35.1
72.5°	43.4	43.3	43.4	43.5	43.4	43.3	43.4	43.4	43.3	43.0	42.7
70°	50.7	50.6	51.1	51.6	51.1	50.6	50.7	50.7	50.6	50.3	50.0
67.5°	58.5	58.6	59.2	59.7	59.2	58.6	58.5	58.3	57.9	57.5	57.2
65°	66.7	66.7	67.3	67.8	67.3	66.7	66.7	66.5	66.1	65.7	65.2
62.5°	75.5	75.6	76.1	76.6	76.1	75.6	75.5	75.2	74.7	74.3	73.8
60°	83.6	83.7	83.9	84.0	83.9	83.7	83.6	83.3	82.8	82.2	81.7
57.5°	89.0	89.0	89.0	89.1	89.0	89.0	89.0	89.0	88.8	88.5	88.1
55°	94.5	94.2	93.9	93.5	93.9	94.2	94.5	94.5	94.3	94.0	93.5
52.5°	100.6	100.2	99.8	99.4	99.8	100.2	100.6	100.7	100.5	100.0	99.3
50°	107.1	106.8	106.4	106.1	106.4	106.8	107.1	107.2	107.0	106.5	105.6
47.5°	115.9	116.0	116.0	115.6	116.0	116.0	115.9	115.4	114.7	113.8	112.6
45°	126.5	126.9	127.0	126.7	127.0	126.9	126.5	125.6	124.3	122.7	120.9
42.5°	140.4	141.3	141.8	142.2	141.8	141.3	140.4	138.7	136.4	133.5	130.5
40°	160.0	161.9	163.1	164.3	163.1	161.9	160.0	157.0	152.9	148.0	143.3
37.5°	188.2	191.6	193.1	192.2	193.1	191.6	188.2	183.0	176.0	167.3	160.6
35°	232.8	239.4	242.8	243.1	242.8	239.4	232.8	223.0	210.2	196.4	185.5
32.5°	310.5	323.9	331.2	332.2	331.2	323.9	310.5	291.1	264.9	240.9	222.3
30°	459.9	487.3	500.2	497.2	500.2	487.3	459.9	417.5	362.1	320.9	281.1
27.5°	750.4	818.8	859.3	862.5	859.3	818.8	750.4	655.4	533.2	464.5	377.9
25°	1206.1	1322.8	1397.5	1398.7	1397.5	1322.8	1206.1	1049.0	871.7	717.4	543.9
22.5°	1789.5	1948.7	2036.0	2051.3	2036.0	1948.7	1789.5	1575.0	1343.0	1089.2	832.1
20°	2465.3	2677.3	2790.7	2790.8	2790.7	2677.3	2465.3	2180.8	1887.7	1539.9	1198.5
17.5°	3297.7	3641.9	3857.9	3950.9	3857.9	3641.9	3297.7	2883.6	2498.1	2054.3	1608.4
15°	4403.5	4981.8	5328.4	5390.8	5328.4	4981.8	4403.5	3802.4	3178.2	2602.2	2041.4
12.5°	5750.0	6481.9	6973.8	7154.1	6973.8	6481.9	5750.0	4905.9	3932.7	3167.9	2483.1
10°	7155.9	7834.0	8361.0	8538.1	8361.0	7834.0	7155.9	6085.1	4911.2	3762.0	2873.6
7.5°	8171.5	8980.1	9573.8	9834.4	9573.8	8980.1	8171.5	7107.8	5766.6	4398.0	3289.8
5°	8973.2	9930.0	10482.6	10727.9	10482.6	9930.0	8973.2	7836.2	6466.6	4934.1	3596.5
2.5°	9499.3	10444.7	11029.8	11256.0	11029.8	10444.7	9499.3	8298.9	6912.3	5262.7	3791.5
0°	9696.0	10620.3	11198.5	11474.7	11198.5	10620.3	9696.0	8414.4	7033.3	5340.7	3856.6
-2.5°	9499.3	10444.7	11029.8	11256.0	11029.8	10444.7	9499.3	8298.9	6912.3	5262.7	3791.5
-5°	8973.2	9930.0	10482.6	10727.9	10482.6	9930.0	8973.2	7836.2	6466.6	4934.1	3596.5
-7.5°	8171.5	8980.1	9573.8	9834.4	9573.8	8980.1	8171.5	7107.8	5766.6	4398.0	3289.8
-10°	7155.9	7834.0	8361.0	8538.1	8361.0	7834.0	7155.9	6085.1	4911.2	3762.0	2873.6
-12.5°	5750.0	6481.9	6973.8	7154.1	6973.8	6481.9	5750.0	4905.9	3932.7	3167.9	2483.1
-15°	4403.5	4981.8	5328.4	5390.8	5328.4	4981.8	4403.5	3802.4	3178.2	2602.2	2041.4
-17.5°	3297.7	3641.9	3857.9	3950.9	3857.9	3641.9	3297.7	2883.6	2498.1	2054.3	1608.4
-20°	2465.3	2677.3	2790.7	2790.8	2790.7	2677.3	2465.3	2180.8	1887.7	1539.9	1198.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1789.5	1948.7	2036.0	2051.3	2036.0	1948.7	1789.5	1575.0	1343.0	1089.2	832.1
-25°	1206.1	1322.8	1397.5	1398.7	1397.5	1322.8	1206.1	1049.0	871.7	717.4	543.9
-27.5°	750.4	818.8	859.3	862.5	859.3	818.8	750.4	655.4	533.2	464.5	377.9
-30°	459.9	487.3	500.2	497.2	500.2	487.3	459.9	417.5	362.1	320.9	281.1
-32.5°	310.5	323.9	331.2	332.2	331.2	323.9	310.5	291.1	264.9	240.9	222.3
-35°	232.8	239.4	242.8	243.1	242.8	239.4	232.8	223.0	210.2	196.4	185.5
-37.5°	188.2	191.6	193.1	192.2	193.1	191.6	188.2	183.0	176.0	167.3	160.6
-40°	160.0	161.9	163.1	164.3	163.1	161.9	160.0	157.0	152.9	148.0	143.3
-42.5°	140.4	141.3	141.8	142.2	141.8	141.3	140.4	138.7	136.4	133.5	130.5
-45°	126.5	126.9	127.0	126.7	127.0	126.9	126.5	125.6	124.3	122.7	120.9
-47.5°	115.9	116.0	116.0	115.6	116.0	116.0	115.9	115.4	114.7	113.8	112.6
-50°	107.1	106.8	106.4	106.1	106.4	106.8	107.1	107.2	107.0	106.5	105.6
-52.5°	100.6	100.2	99.8	99.4	99.8	100.2	100.6	100.7	100.5	100.0	99.3
-55°	94.5	94.2	93.9	93.5	93.9	94.2	94.5	94.5	94.3	94.0	93.5
-57.5°	89.0	89.0	89.0	89.1	89.0	89.0	89.0	89.0	88.8	88.5	88.1
-60°	83.6	83.7	83.9	84.0	83.9	83.7	83.6	83.3	82.8	82.2	81.7
-62.5°	75.5	75.6	76.1	76.6	76.1	75.6	75.5	75.2	74.7	74.3	73.8
-65°	66.7	66.7	67.3	67.8	67.3	66.7	66.7	66.5	66.1	65.7	65.2
-67.5°	58.5	58.6	59.2	59.7	59.2	58.6	58.5	58.3	57.9	57.5	57.2
-70°	50.7	50.6	51.1	51.6	51.1	50.6	50.7	50.7	50.6	50.3	50.0
-72.5°	43.4	43.3	43.4	43.5	43.4	43.3	43.4	43.4	43.3	43.0	42.7
-75°	35.9	35.9	36.1	36.1	36.1	35.9	35.9	35.8	35.6	35.3	35.1
-77.5°	28.6	28.6	28.7	28.7	28.7	28.6	28.6	28.6	28.4	28.2	27.9
-80°	21.3	21.3	21.4	21.4	21.4	21.3	21.3	21.3	21.2	21.1	20.8
-82.5°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.4	14.2	14.0	14.0
-85°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	7.9	7.9	7.7	7.8
-87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-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: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
85°	7.8	7.8	7.7	7.5	7.2	6.9	6.7	6.4	6.0	5.7	5.3
82.5°	13.9	13.8	13.6	13.1	12.5	12.0	11.5	11.0	10.5	10.0	9.5
80°	20.4	20.0	19.6	19.0	18.3	17.5	16.7	15.9	15.1	14.4	13.6
77.5°	27.5	27.0	26.4	25.6	24.7	23.8	22.8	21.8	20.7	19.7	18.6
75°	34.8	34.3	33.7	32.7	31.7	30.6	29.3	27.9	26.5	25.1	23.7
72.5°	42.3	41.7	41.0	39.9	38.6	37.3	35.9	34.3	32.6	30.7	28.9
70°	49.5	48.9	48.2	47.2	45.9	44.5	42.8	40.9	39.0	36.9	34.8
67.5°	56.7	55.9	55.2	54.3	53.2	51.8	49.9	47.8	45.5	43.2	40.8
65°	64.6	63.6	62.6	61.7	60.5	59.1	57.3	55.2	52.7	49.8	46.7
62.5°	73.2	72.3	70.9	69.3	67.8	66.2	64.1	61.9	59.6	57.0	53.3
60°	81.1	80.3	78.4	76.5	74.7	72.7	70.3	68.0	65.6	62.7	59.3
57.5°	87.4	86.2	84.5	82.7	80.8	78.4	75.9	73.5	70.9	68.1	65.0
55°	92.8	91.5	89.7	87.8	85.7	83.2	80.7	78.0	75.5	73.2	70.0
52.5°	98.4	96.7	94.7	92.7	90.3	87.7	85.0	82.2	79.7	77.4	74.7
50°	104.4	102.2	99.9	97.5	95.0	92.2	89.3	86.3	83.9	81.4	78.7
47.5°	110.9	108.3	105.5	102.8	99.9	96.9	93.7	90.5	87.9	85.3	82.5
45°	118.4	115.2	111.7	108.5	105.1	101.7	98.3	94.9	91.7	88.8	86.2
42.5°	127.2	123.4	119.3	115.0	110.6	106.8	103.0	99.3	95.7	92.2	89.1
40°	138.3	132.7	128.0	122.6	117.4	112.2	108.0	103.7	99.7	95.8	92.2
37.5°	152.9	145.1	138.3	131.3	125.1	118.9	113.5	108.6	103.7	99.4	95.4
35°	172.7	161.7	151.0	142.0	133.7	126.3	119.5	113.8	108.3	103.2	98.7
32.5°	200.5	184.5	167.4	155.2	143.7	134.2	126.2	119.0	112.9	107.2	102.0
30°	244.3	216.0	191.8	171.2	156.3	143.4	132.9	124.6	117.3	111.0	105.3
27.5°	315.6	258.0	224.5	193.6	170.7	154.6	141.0	130.1	121.7	114.8	108.5
25°	431.3	334.0	266.1	223.5	190.3	166.4	149.7	136.7	126.3	118.2	110.8
22.5°	600.8	448.9	332.0	257.8	214.3	182.7	160.0	143.2	130.6	121.1	113.1
20°	868.0	597.1	428.0	313.3	242.5	198.3	170.9	150.8	135.7	124.2	115.1
17.5°	1188.1	826.2	536.7	373.1	279.1	220.9	183.7	158.1	140.2	127.0	116.7
15°	1510.6	1065.9	703.8	459.8	319.0	240.6	194.6	164.5	144.7	130.1	118.8
12.5°	1866.8	1322.6	852.0	531.4	360.1	264.3	208.5	173.0	149.6	133.2	120.9
10°	2174.4	1562.5	1030.1	646.2	414.1	289.2	221.3	180.3	153.6	135.7	122.5
7.5°	2451.5	1767.4	1179.6	735.8	456.0	309.0	231.5	186.1	156.6	137.5	123.6
5°	2648.1	1924.0	1299.8	803.5	486.0	322.7	238.6	190.2	158.7	138.6	124.2
2.5°	2770.7	2018.2	1378.2	843.7	500.6	330.2	243.1	192.5	160.3	139.9	124.6
0°	2782.0	2011.5	1389.1	863.2	491.3	331.4	245.3	193.0	161.3	140.7	124.5
-2.5°	2770.7	2018.2	1378.2	843.7	500.6	330.2	243.1	192.5	160.3	139.9	124.6
-5°	2648.1	1924.0	1299.8	803.5	486.0	322.7	238.6	190.2	158.7	138.6	124.2
-7.5°	2451.5	1767.4	1179.6	735.8	456.0	309.0	231.5	186.1	156.6	137.5	123.6
-10°	2174.4	1562.5	1030.1	646.2	414.1	289.2	221.3	180.3	153.6	135.7	122.5
-12.5°	1866.8	1322.6	852.0	531.4	360.1	264.3	208.5	173.0	149.6	133.2	120.9
-15°	1510.6	1065.9	703.8	459.8	319.0	240.6	194.6	164.5	144.7	130.1	118.8
-17.5°	1188.1	826.2	536.7	373.1	279.1	220.9	183.7	158.1	140.2	127.0	116.7
-20°	868.0	597.1	428.0	313.3	242.5	198.3	170.9	150.8	135.7	124.2	115.1



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	600.8	448.9	332.0	257.8	214.3	182.7	160.0	143.2	130.6	121.1	113.1
-25°	431.3	334.0	266.1	223.5	190.3	166.4	149.7	136.7	126.3	118.2	110.8
-27.5°	315.6	258.0	224.5	193.6	170.7	154.6	141.0	130.1	121.7	114.8	108.5
-30°	244.3	216.0	191.8	171.2	156.3	143.4	132.9	124.6	117.3	111.0	105.3
-32.5°	200.5	184.5	167.4	155.2	143.7	134.2	126.2	119.0	112.9	107.2	102.0
-35°	172.7	161.7	151.0	142.0	133.7	126.3	119.5	113.8	108.3	103.2	98.7
-37.5°	152.9	145.1	138.3	131.3	125.1	118.9	113.5	108.6	103.7	99.4	95.4
-40°	138.3	132.7	128.0	122.6	117.4	112.2	108.0	103.7	99.7	95.8	92.2
-42.5°	127.2	123.4	119.3	115.0	110.6	106.8	103.0	99.3	95.7	92.2	89.1
-45°	118.4	115.2	111.7	108.5	105.1	101.7	98.3	94.9	91.7	88.8	86.2
-47.5°	110.9	108.3	105.5	102.8	99.9	96.9	93.7	90.5	87.9	85.3	82.5
-50°	104.4	102.2	99.9	97.5	95.0	92.2	89.3	86.3	83.9	81.4	78.7
-52.5°	98.4	96.7	94.7	92.7	90.3	87.7	85.0	82.2	79.7	77.4	74.7
-55°	92.8	91.5	89.7	87.8	85.7	83.2	80.7	78.0	75.5	73.2	70.0
-57.5°	87.4	86.2	84.5	82.7	80.8	78.4	75.9	73.5	70.9	68.1	65.0
-60°	81.1	80.3	78.4	76.5	74.7	72.7	70.3	68.0	65.6	62.7	59.3
-62.5°	73.2	72.3	70.9	69.3	67.8	66.2	64.1	61.9	59.6	57.0	53.3
-65°	64.6	63.6	62.6	61.7	60.5	59.1	57.3	55.2	52.7	49.8	46.7
-67.5°	56.7	55.9	55.2	54.3	53.2	51.8	49.9	47.8	45.5	43.2	40.8
-70°	49.5	48.9	48.2	47.2	45.9	44.5	42.8	40.9	39.0	36.9	34.8
-72.5°	42.3	41.7	41.0	39.9	38.6	37.3	35.9	34.3	32.6	30.7	28.9
-75°	34.8	34.3	33.7	32.7	31.7	30.6	29.3	27.9	26.5	25.1	23.7
-77.5°	27.5	27.0	26.4	25.6	24.7	23.8	22.8	21.8	20.7	19.7	18.6
-80°	20.4	20.0	19.6	19.0	18.3	17.5	16.7	15.9	15.1	14.4	13.6
-82.5°	13.9	13.8	13.6	13.1	12.5	12.0	11.5	11.0	10.5	10.0	9.5
-85°	7.8	7.8	7.7	7.5	7.2	6.9	6.7	6.4	6.0	5.7	5.3
-87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
-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: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
85°	5.0	4.6	4.2	3.8	3.3	2.9	2.7	2.4	2.2	2.0	1.7
82.5°	8.9	8.4	7.8	7.1	6.5	5.8	5.2	4.5	3.7	3.0	2.6
80°	12.9	12.1	11.3	10.5	9.7	8.8	7.9	6.9	5.9	4.9	4.0
77.5°	17.4	16.2	14.9	13.9	12.9	11.9	10.7	9.4	8.0	6.8	5.5
75°	22.3	20.8	19.3	17.8	16.4	15.0	13.7	12.2	10.4	8.6	7.1
72.5°	27.4	25.7	23.9	22.0	20.3	18.6	16.8	14.9	12.8	10.8	8.7
70°	32.7	30.6	28.6	26.5	24.3	22.1	20.1	17.8	15.3	12.9	10.6
67.5°	38.2	35.8	33.3	30.9	28.5	25.9	23.3	20.7	17.9	15.0	12.4
65°	43.9	41.0	38.0	35.3	32.6	29.7	26.8	23.6	20.5	17.4	14.2
62.5°	49.7	46.3	43.0	39.7	36.6	33.5	30.3	26.6	23.0	19.6	16.2
60°	55.5	51.6	47.9	44.3	40.7	37.2	33.5	29.5	25.6	21.8	18.1
57.5°	61.1	56.8	52.6	48.6	44.7	40.8	36.8	32.4	28.1	24.0	20.0
55°	66.6	62.2	57.2	52.6	48.5	44.4	39.9	35.3	30.6	26.2	21.9
52.5°	71.3	67.0	61.8	56.6	52.0	47.7	42.8	38.0	33.1	28.2	23.7
50°	75.6	71.2	66.0	60.6	55.3	50.5	45.6	40.6	35.5	30.2	25.4
47.5°	79.4	75.1	70.0	64.3	58.7	53.3	48.2	43.0	37.8	32.3	27.0
45°	82.7	78.9	73.8	68.0	61.8	56.1	50.7	45.3	39.9	34.3	28.6
42.5°	85.9	82.2	77.5	71.5	65.0	58.8	53.0	47.4	41.8	36.2	30.2
40°	88.7	85.0	81.0	74.9	68.0	61.3	55.3	49.4	43.6	37.9	31.8
37.5°	91.6	87.7	83.6	78.1	70.8	63.9	57.4	51.3	45.3	39.4	33.2
35°	94.5	90.3	85.8	80.5	73.6	66.3	59.3	53.0	46.9	40.8	34.6
32.5°	97.3	92.7	87.9	82.6	76.1	68.4	61.2	54.8	48.5	42.2	35.8
30°	100.0	94.6	89.7	84.7	78.3	70.5	63.1	56.4	49.9	43.4	37.0
27.5°	102.1	96.3	91.3	86.4	80.1	72.5	64.9	57.8	51.2	44.6	38.0
25°	103.9	97.9	92.7	87.7	81.9	74.5	66.6	59.2	52.4	45.7	38.9
22.5°	105.8	99.3	93.8	88.9	83.7	76.3	68.1	60.5	53.5	46.6	39.7
20°	107.4	100.5	94.7	89.9	84.8	77.7	69.6	61.7	54.4	47.4	40.5
17.5°	108.8	101.6	95.7	90.7	85.6	78.9	70.9	62.8	55.3	48.2	41.1
15°	110.2	102.8	96.6	91.4	86.3	79.8	71.9	63.6	56.0	48.8	41.7
12.5°	111.4	103.7	97.2	91.8	86.9	80.6	72.8	64.4	56.6	49.4	42.2
10°	112.4	104.3	97.7	92.1	87.3	81.2	73.5	65.0	57.2	49.9	42.7
7.5°	113.0	104.6	98.0	92.2	87.6	81.7	74.2	65.8	57.8	50.3	43.0
5°	113.5	104.7	98.2	92.5	87.8	82.1	74.7	66.3	58.3	50.6	43.3
2.5°	114.0	104.8	98.2	92.7	87.8	82.4	75.0	66.8	58.7	50.7	43.4
0°	114.2	104.6	98.0	92.8	87.6	82.5	75.1	67.0	58.9	50.8	43.5
-2.5°	114.0	104.8	98.2	92.7	87.8	82.4	75.0	66.8	58.7	50.7	43.4
-5°	113.5	104.7	98.2	92.5	87.8	82.1	74.7	66.3	58.3	50.6	43.3
-7.5°	113.0	104.6	98.0	92.2	87.6	81.7	74.2	65.8	57.8	50.3	43.0
-10°	112.4	104.3	97.7	92.1	87.3	81.2	73.5	65.0	57.2	49.9	42.7
-12.5°	111.4	103.7	97.2	91.8	86.9	80.6	72.8	64.4	56.6	49.4	42.2
-15°	110.2	102.8	96.6	91.4	86.3	79.8	71.9	63.6	56.0	48.8	41.7
-17.5°	108.8	101.6	95.7	90.7	85.6	78.9	70.9	62.8	55.3	48.2	41.1
-20°	107.4	100.5	94.7	89.9	84.8	77.7	69.6	61.7	54.4	47.4	40.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	105.8	99.3	93.8	88.9	83.7	76.3	68.1	60.5	53.5	46.6	39.7
-25°	103.9	97.9	92.7	87.7	81.9	74.5	66.6	59.2	52.4	45.7	38.9
-27.5°	102.1	96.3	91.3	86.4	80.1	72.5	64.9	57.8	51.2	44.6	38.0
-30°	100.0	94.6	89.7	84.7	78.3	70.5	63.1	56.4	49.9	43.4	37.0
-32.5°	97.3	92.7	87.9	82.6	76.1	68.4	61.2	54.8	48.5	42.2	35.8
-35°	94.5	90.3	85.8	80.5	73.6	66.3	59.3	53.0	46.9	40.8	34.6
-37.5°	91.6	87.7	83.6	78.1	70.8	63.9	57.4	51.3	45.3	39.4	33.2
-40°	88.7	85.0	81.0	74.9	68.0	61.3	55.3	49.4	43.6	37.9	31.8
-42.5°	85.9	82.2	77.5	71.5	65.0	58.8	53.0	47.4	41.8	36.2	30.2
-45°	82.7	78.9	73.8	68.0	61.8	56.1	50.7	45.3	39.9	34.3	28.6
-47.5°	79.4	75.1	70.0	64.3	58.7	53.3	48.2	43.0	37.8	32.3	27.0
-50°	75.6	71.2	66.0	60.6	55.3	50.5	45.6	40.6	35.5	30.2	25.4
-52.5°	71.3	67.0	61.8	56.6	52.0	47.7	42.8	38.0	33.1	28.2	23.7
-55°	66.6	62.2	57.2	52.6	48.5	44.4	39.9	35.3	30.6	26.2	21.9
-57.5°	61.1	56.8	52.6	48.6	44.7	40.8	36.8	32.4	28.1	24.0	20.0
-60°	55.5	51.6	47.9	44.3	40.7	37.2	33.5	29.5	25.6	21.8	18.1
-62.5°	49.7	46.3	43.0	39.7	36.6	33.5	30.3	26.6	23.0	19.6	16.2
-65°	43.9	41.0	38.0	35.3	32.6	29.7	26.8	23.6	20.5	17.4	14.2
-67.5°	38.2	35.8	33.3	30.9	28.5	25.9	23.3	20.7	17.9	15.0	12.4
-70°	32.7	30.6	28.6	26.5	24.3	22.1	20.1	17.8	15.3	12.9	10.6
-72.5°	27.4	25.7	23.9	22.0	20.3	18.6	16.8	14.9	12.8	10.8	8.7
-75°	22.3	20.8	19.3	17.8	16.4	15.0	13.7	12.2	10.4	8.6	7.1
-77.5°	17.4	16.2	14.9	13.9	12.9	11.9	10.7	9.4	8.0	6.8	5.5
-80°	12.9	12.1	11.3	10.5	9.7	8.8	7.9	6.9	5.9	4.9	4.0
-82.5°	8.9	8.4	7.8	7.1	6.5	5.8	5.2	4.5	3.7	3.0	2.6
-85°	5.0	4.6	4.2	3.8	3.3	2.9	2.7	2.4	2.2	2.0	1.7
-87.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
-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: P626585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
80°	3.1	2.5	2.0	1.5	1.0	0.5	0.0
77.5°	4.4	3.3	2.5	1.9	1.3	0.6	0.0
75°	5.7	4.4	3.1	2.2	1.5	0.8	0.0
72.5°	7.0	5.5	3.9	2.6	1.7	0.9	0.0
70°	8.3	6.5	4.8	3.0	2.0	1.0	0.0
67.5°	9.9	7.6	5.6	3.7	2.2	1.1	0.0
65°	11.5	8.8	6.5	4.3	2.4	1.2	0.0
62.5°	13.0	10.0	7.3	4.9	2.7	1.3	0.0
60°	14.5	11.3	8.1	5.5	2.9	1.4	0.0
57.5°	16.1	12.5	9.0	6.1	3.3	1.6	0.0
55°	17.7	13.7	10.0	6.6	3.7	1.7	0.0
52.5°	19.2	14.9	10.9	7.2	4.0	1.8	0.0
50°	20.6	16.1	11.8	7.7	4.4	1.9	0.0
47.5°	22.0	17.2	12.7	8.3	4.7	2.0	0.0
45°	23.4	18.3	13.5	8.9	5.0	2.1	0.0
42.5°	24.7	19.4	14.3	9.5	5.4	2.1	0.0
40°	26.0	20.4	15.1	10.0	5.7	2.2	0.0
37.5°	27.1	21.3	15.8	10.6	5.9	2.3	0.0
35°	28.2	22.2	16.5	11.1	6.2	2.4	0.0
32.5°	29.3	23.0	17.2	11.5	6.5	2.4	0.0
30°	30.3	23.8	17.8	11.9	6.7	2.5	0.0
27.5°	31.2	24.6	18.3	12.3	6.9	2.6	0.0
25°	32.0	25.3	18.8	12.7	7.1	2.6	0.0
22.5°	32.8	25.9	19.3	13.0	7.3	2.7	0.0
20°	33.4	26.4	19.7	13.2	7.5	2.7	0.0
17.5°	34.0	26.9	20.1	13.4	7.6	2.8	0.0
15°	34.5	27.2	20.4	13.6	7.7	2.8	0.0
12.5°	35.0	27.5	20.7	13.8	7.9	2.8	0.0
10°	35.4	27.8	21.0	13.9	7.9	2.9	0.0
7.5°	35.7	27.9	21.2	14.0	8.0	2.9	0.0
5°	35.9	28.0	21.3	14.0	8.1	2.9	0.0
2.5°	36.1	28.0	21.4	14.0	8.1	2.9	0.0
0°	36.1	28.0	21.4	14.0	8.1	2.9	0.0
-2.5°	36.1	28.0	21.4	14.0	8.1	2.9	0.0
-5°	35.9	28.0	21.3	14.0	8.1	2.9	0.0
-7.5°	35.7	27.9	21.2	14.0	8.0	2.9	0.0
-10°	35.4	27.8	21.0	13.9	7.9	2.9	0.0
-12.5°	35.0	27.5	20.7	13.8	7.9	2.8	0.0
-15°	34.5	27.2	20.4	13.6	7.7	2.8	0.0
-17.5°	34.0	26.9	20.1	13.4	7.6	2.8	0.0
-20°	33.4	26.4	19.7	13.2	7.5	2.7	0.0

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CATALOG NUMBER: GFLD-SA1B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.8	25.9	19.3	13.0	7.3	2.7	0.0
-25°	32.0	25.3	18.8	12.7	7.1	2.6	0.0
-27.5°	31.2	24.6	18.3	12.3	6.9	2.6	0.0
-30°	30.3	23.8	17.8	11.9	6.7	2.5	0.0
-32.5°	29.3	23.0	17.2	11.5	6.5	2.4	0.0
-35°	28.2	22.2	16.5	11.1	6.2	2.4	0.0
-37.5°	27.1	21.3	15.8	10.6	5.9	2.3	0.0
-40°	26.0	20.4	15.1	10.0	5.7	2.2	0.0
-42.5°	24.7	19.4	14.3	9.5	5.4	2.1	0.0
-45°	23.4	18.3	13.5	8.9	5.0	2.1	0.0
-47.5°	22.0	17.2	12.7	8.3	4.7	2.0	0.0
-50°	20.6	16.1	11.8	7.7	4.4	1.9	0.0
-52.5°	19.2	14.9	10.9	7.2	4.0	1.8	0.0
-55°	17.7	13.7	10.0	6.6	3.7	1.7	0.0
-57.5°	16.1	12.5	9.0	6.1	3.3	1.6	0.0
-60°	14.5	11.3	8.1	5.5	2.9	1.4	0.0
-62.5°	13.0	10.0	7.3	4.9	2.7	1.3	0.0
-65°	11.5	8.8	6.5	4.3	2.4	1.2	0.0
-67.5°	9.9	7.6	5.6	3.7	2.2	1.1	0.0
-70°	8.3	6.5	4.8	3.0	2.0	1.0	0.0
-72.5°	7.0	5.5	3.9	2.6	1.7	0.9	0.0
-75°	5.7	4.4	3.1	2.2	1.5	0.8	0.0
-77.5°	4.4	3.3	2.5	1.9	1.3	0.6	0.0
-80°	3.1	2.5	2.0	1.5	1.0	0.5	0.0
-82.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
-85°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)