

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: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-722-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2171.2 lumens
Efficiency: N/A
Efficacy: 120.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 2551.1 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 1441.1 lumens
Beam Efficiency: 66.4%

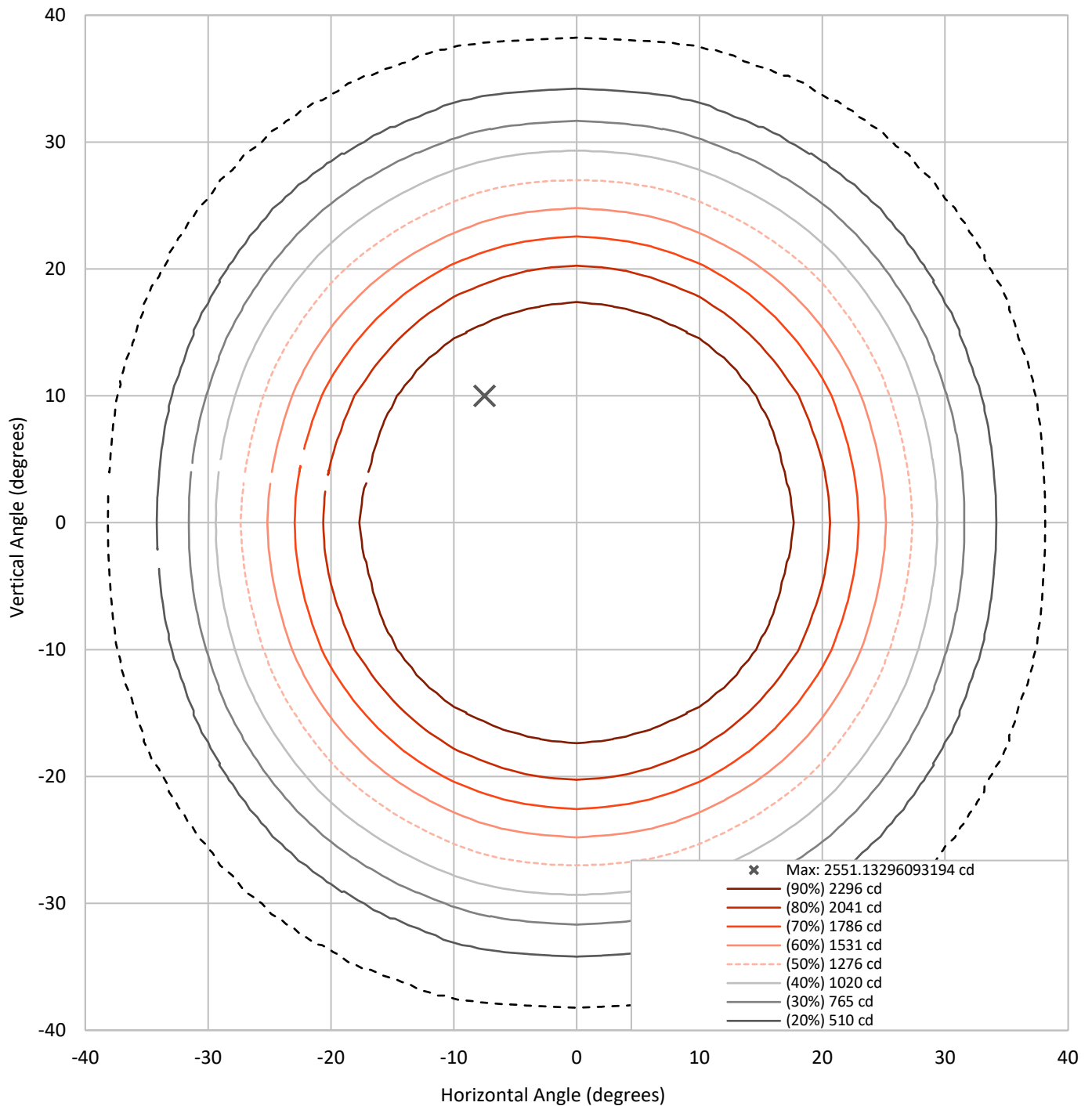
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 1873.9 lumens
Field Efficiency: 86.3%

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



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

Iso-Candela Plot





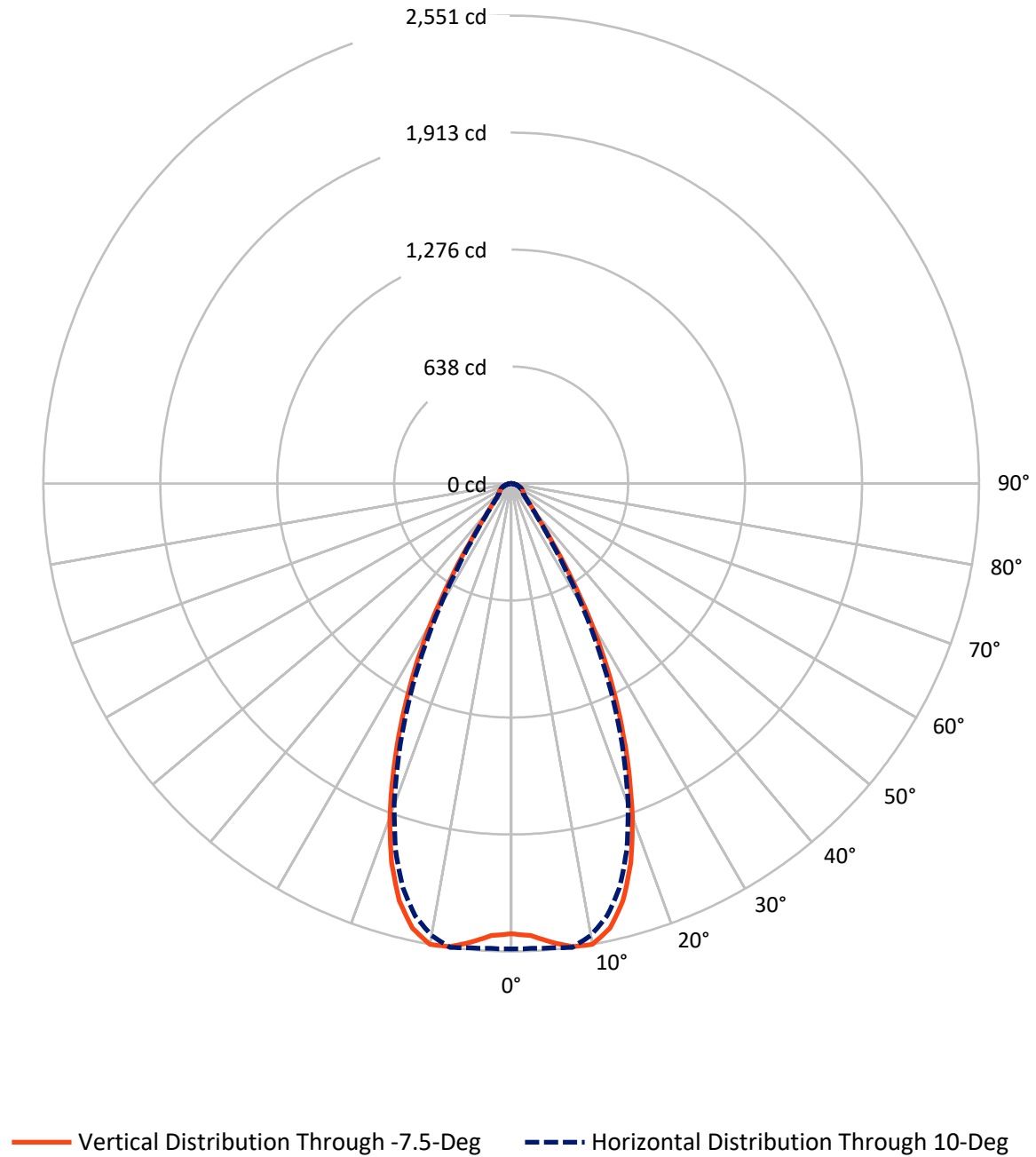
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Lumen Table

90																			
80	0.1	0.5		1.4		2.2		2.4		2.2		1.4		0.5		0.1			
70																			
60	0.2	0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3	0.2			
50		0.4	0.8	1.3	1.7	2.0	2.3	2.4	2.4	2.3	2.0	1.7	1.3	0.8	0.4				
40	0.4	0.5	1.0	1.5	2.0	2.7	3.3	3.8	3.8	3.3	2.7	2.0	1.5	1.0	0.5	0.4			
30		0.6	1.2	1.7	2.7	4.9	9.4	14.0	14.0	9.4	4.9	2.7	1.7	1.2	0.6				
20	0.5	0.7	1.3	2.0	4.4	13.9	31.3	43.7	43.7	31.3	13.9	4.4	2.0	1.3	0.7	0.5			
10		0.7	1.3	2.4	8.0	29.7	56.7	71.0	71.0	56.7	29.7	8.0	2.4	1.3	0.7				
0	0.6	0.7	1.4	2.7	11.6	40.7	68.8	74.9	74.9	68.8	40.7	11.6	2.7	1.4	0.7	0.6			
-10		0.7	1.4	2.7	11.6	40.7	68.8	74.9	74.9	68.8	40.7	11.6	2.7	1.4	0.7				
-20	0.5	0.7	1.3	2.4	8.0	29.7	56.7	71.0	71.0	56.7	29.7	8.0	2.4	1.3	0.7	0.5			
-30		0.7	1.3	2.0	4.4	13.9	31.3	43.7	43.7	31.3	13.9	4.4	2.0	1.3	0.7				
-40	0.4	0.6	1.2	1.7	2.7	4.9	9.4	14.0	14.0	9.4	4.9	2.7	1.7	1.2	0.6	0.4			
-50		0.5	1.0	1.5	2.0	2.7	3.3	3.8	3.8	3.3	2.7	2.0	1.5	1.0	0.5				
-60	0.2	0.4	0.8	1.3	1.7	2.0	2.3	2.4	2.4	2.3	2.0	1.7	1.3	0.8	0.4	0.2			
-70		0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3				
-80																			
-90	0.1	0.5		1.4		2.2		2.4		2.2		1.4		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

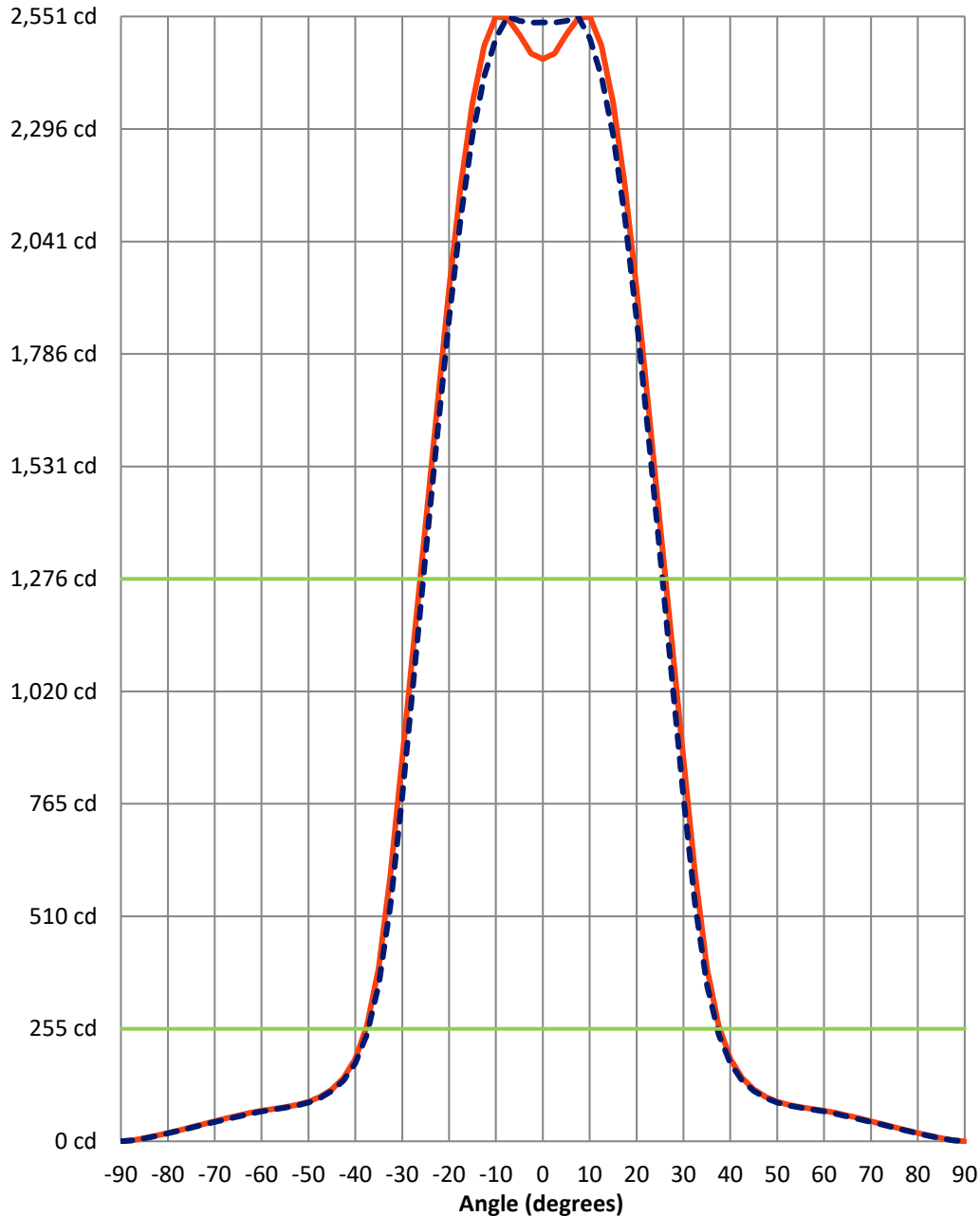
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 1441.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 1873.9
 Efficiency: 86.3%

Spill:
 Lumens: 297.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.4	1.7	2.0	2.3
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.1	2.6	3.2	3.9
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.3	4.1	4.9	5.7
77.5°	0.0	0.5	1.0	1.4	1.9	2.6	3.6	4.7	5.7	6.6	7.7
75°	0.0	0.6	1.1	1.7	2.3	3.6	4.8	6.1	7.3	8.7	10.1
72.5°	0.0	0.7	1.3	2.0	3.2	4.6	6.0	7.5	9.2	10.8	12.4
70°	0.0	0.8	1.5	2.3	4.0	5.6	7.3	9.2	11.1	13.0	14.9
67.5°	0.0	0.8	1.7	2.9	4.8	6.6	8.7	10.8	13.0	15.2	17.4
65°	0.0	0.9	1.9	3.5	5.5	7.7	10.0	12.4	14.9	17.3	19.9
62.5°	0.0	1.0	2.0	4.1	6.3	8.8	11.4	14.0	16.7	19.5	22.6
60°	0.0	1.1	2.2	4.6	7.1	9.8	12.7	15.6	18.5	21.8	25.2
57.5°	0.0	1.2	2.6	5.2	7.9	10.9	14.0	17.1	20.5	24.1	27.7
55°	0.0	1.3	2.9	5.7	8.7	11.9	15.3	18.6	22.4	26.2	30.0
52.5°	0.0	1.3	3.2	6.2	9.5	12.9	16.5	20.2	24.2	28.3	32.3
50°	0.0	1.4	3.6	6.7	10.2	13.9	17.8	21.8	26.0	30.3	34.6
47.5°	0.0	1.5	3.9	7.2	10.9	14.9	19.0	23.3	27.7	32.2	36.7
45°	0.0	1.6	4.2	7.7	11.6	15.9	20.2	24.7	29.4	34.1	38.8
42.5°	0.0	1.6	4.5	8.2	12.3	16.8	21.4	26.1	31.0	35.9	40.8
40°	0.0	1.7	4.7	8.7	12.9	17.7	22.5	27.4	32.5	37.6	42.6
37.5°	0.0	1.7	5.0	9.1	13.6	18.5	23.5	28.6	33.9	39.2	44.4
35°	0.0	1.8	5.2	9.5	14.2	19.3	24.5	29.8	35.3	40.8	46.1
32.5°	0.0	1.9	5.4	9.9	14.8	20.1	25.4	30.9	36.6	42.2	47.6
30°	0.0	1.9	5.6	10.2	15.4	20.8	26.3	31.9	37.9	43.5	49.0
27.5°	0.0	2.0	5.8	10.5	15.9	21.5	27.1	32.9	39.0	44.7	50.3
25°	0.0	2.0	6.0	10.8	16.3	22.1	27.8	33.8	40.0	45.8	51.5
22.5°	0.0	2.0	6.1	11.1	16.8	22.6	28.4	34.6	40.9	46.7	52.6
20°	0.0	2.1	6.3	11.3	17.1	23.0	29.0	35.4	41.6	47.6	53.5
17.5°	0.0	2.1	6.4	11.5	17.4	23.4	29.5	36.1	42.3	48.3	54.3
15°	0.0	2.1	6.5	11.7	17.7	23.8	30.0	36.7	42.9	49.0	55.0
12.5°	0.0	2.1	6.6	11.8	17.9	24.1	30.4	37.2	43.4	49.5	55.6
10°	0.0	2.2	6.6	12.0	18.1	24.3	30.7	37.6	43.8	50.0	56.1
7.5°	0.0	2.2	6.7	12.0	18.2	24.5	31.0	38.0	44.2	50.4	56.5
5°	0.0	2.2	6.7	12.1	18.3	24.6	31.1	38.2	44.4	50.7	56.8
2.5°	0.0	2.2	6.7	12.1	18.3	24.6	31.3	38.4	44.6	50.8	57.0
0°	0.0	2.2	6.7	12.1	18.3	24.6	31.3	38.4	44.6	50.9	57.1
-2.5°	0.0	2.2	6.7	12.1	18.3	24.6	31.3	38.4	44.6	50.8	57.0
-5°	0.0	2.2	6.7	12.1	18.3	24.6	31.1	38.2	44.4	50.7	56.8
-7.5°	0.0	2.2	6.7	12.0	18.2	24.5	31.0	38.0	44.2	50.4	56.5
-10°	0.0	2.2	6.6	12.0	18.1	24.3	30.7	37.6	43.8	50.0	56.1
-12.5°	0.0	2.1	6.6	11.8	17.9	24.1	30.4	37.2	43.4	49.5	55.6
-15°	0.0	2.1	6.5	11.7	17.7	23.8	30.0	36.7	42.9	49.0	55.0
-17.5°	0.0	2.1	6.4	11.5	17.4	23.4	29.5	36.1	42.3	48.3	54.3
-20°	0.0	2.1	6.3	11.3	17.1	23.0	29.0	35.4	41.6	47.6	53.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	6.1	11.1	16.8	22.6	28.4	34.6	40.9	46.7	52.6
-25°	0.0	2.0	6.0	10.8	16.3	22.1	27.8	33.8	40.0	45.8	51.5
-27.5°	0.0	2.0	5.8	10.5	15.9	21.5	27.1	32.9	39.0	44.7	50.3
-30°	0.0	1.9	5.6	10.2	15.4	20.8	26.3	31.9	37.9	43.5	49.0
-32.5°	0.0	1.9	5.4	9.9	14.8	20.1	25.4	30.9	36.6	42.2	47.6
-35°	0.0	1.8	5.2	9.5	14.2	19.3	24.5	29.8	35.3	40.8	46.1
-37.5°	0.0	1.7	5.0	9.1	13.6	18.5	23.5	28.6	33.9	39.2	44.4
-40°	0.0	1.7	4.7	8.7	12.9	17.7	22.5	27.4	32.5	37.6	42.6
-42.5°	0.0	1.6	4.5	8.2	12.3	16.8	21.4	26.1	31.0	35.9	40.8
-45°	0.0	1.6	4.2	7.7	11.6	15.9	20.2	24.7	29.4	34.1	38.8
-47.5°	0.0	1.5	3.9	7.2	10.9	14.9	19.0	23.3	27.7	32.2	36.7
-50°	0.0	1.4	3.6	6.7	10.2	13.9	17.8	21.8	26.0	30.3	34.6
-52.5°	0.0	1.3	3.2	6.2	9.5	12.9	16.5	20.2	24.2	28.3	32.3
-55°	0.0	1.3	2.9	5.7	8.7	11.9	15.3	18.6	22.4	26.2	30.0
-57.5°	0.0	1.2	2.6	5.2	7.9	10.9	14.0	17.1	20.5	24.1	27.7
-60°	0.0	1.1	2.2	4.6	7.1	9.8	12.7	15.6	18.5	21.8	25.2
-62.5°	0.0	1.0	2.0	4.1	6.3	8.8	11.4	14.0	16.7	19.5	22.6
-65°	0.0	0.9	1.9	3.5	5.5	7.7	10.0	12.4	14.9	17.3	19.9
-67.5°	0.0	0.8	1.7	2.9	4.8	6.6	8.7	10.8	13.0	15.2	17.4
-70°	0.0	0.8	1.5	2.3	4.0	5.6	7.3	9.2	11.1	13.0	14.9
-72.5°	0.0	0.7	1.3	2.0	3.2	4.6	6.0	7.5	9.2	10.8	12.4
-75°	0.0	0.6	1.1	1.7	2.3	3.6	4.8	6.1	7.3	8.7	10.1
-77.5°	0.0	0.5	1.0	1.4	1.9	2.6	3.6	4.7	5.7	6.6	7.7
-80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.3	4.1	4.9	5.7
-82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.1	2.6	3.2	3.9
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.4	1.7	2.0	2.3
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1
-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-SA1A-722-U-MWR-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°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	3.1	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6
82.5°	4.4	5.0	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7
80°	6.5	7.3	8.2	9.1	9.9	10.6	11.3	12.0	12.7	13.5	14.3
77.5°	8.9	10.0	11.1	12.1	13.1	14.2	15.2	16.2	17.2	18.2	19.2
75°	11.4	12.8	14.1	15.5	16.8	18.1	19.4	20.7	21.9	23.2	24.4
72.5°	14.1	15.8	17.4	19.0	20.7	22.3	23.8	25.3	26.8	28.4	29.9
70°	16.9	18.8	20.8	22.8	24.6	26.5	28.3	30.1	31.9	33.7	35.6
67.5°	19.7	22.1	24.3	26.5	28.7	30.8	33.0	35.1	37.2	39.4	41.4
65°	22.8	25.4	27.8	30.3	32.7	35.3	37.8	40.3	42.7	45.1	47.2
62.5°	25.7	28.5	31.3	34.0	37.0	39.9	42.6	45.5	48.3	50.8	52.9
60°	28.5	31.6	34.6	37.8	41.1	44.2	47.3	50.4	53.4	56.3	58.0
57.5°	31.2	34.6	38.0	41.4	44.9	48.4	51.6	54.9	57.8	60.1	62.2
55°	33.8	37.5	41.1	44.7	48.5	52.1	55.6	58.8	61.5	63.5	65.5
52.5°	36.3	40.2	44.0	47.9	51.8	55.7	59.4	62.3	64.5	66.6	68.4
50°	38.8	42.8	46.7	51.0	55.1	59.2	62.6	65.2	67.5	69.5	71.4
47.5°	41.1	45.2	49.5	53.9	58.3	62.2	65.4	68.1	70.4	72.6	74.8
45°	43.3	47.7	52.2	56.8	61.2	65.0	68.1	71.0	73.2	75.6	78.2
42.5°	45.5	50.1	54.8	59.5	64.0	67.6	70.6	73.3	75.8	78.7	81.9
40°	47.5	52.3	57.2	62.1	66.6	69.8	72.7	75.6	78.7	82.1	85.8
37.5°	49.4	54.4	59.5	64.6	68.5	71.8	74.8	78.0	81.6	85.6	90.5
35°	51.2	56.4	61.6	66.5	70.2	73.7	76.9	80.4	84.6	89.8	96.1
32.5°	52.9	58.2	63.6	68.1	71.8	75.4	78.7	83.0	88.2	94.3	103.3
30°	54.4	59.8	65.2	69.6	73.3	76.9	80.8	85.7	91.8	100.7	112.2
27.5°	55.8	61.3	66.5	70.8	74.6	78.3	82.9	88.8	96.8	107.5	121.7
25°	57.1	62.8	67.8	71.9	75.8	79.8	84.9	91.6	102.0	115.8	135.1
22.5°	58.3	64.1	69.0	72.9	76.9	81.3	87.2	95.6	107.6	123.7	148.6
20°	59.4	65.1	69.9	73.8	77.9	82.5	89.2	99.3	113.8	134.7	166.5
17.5°	60.3	65.9	70.6	74.6	78.9	83.9	91.2	102.6	119.4	144.3	184.5
15°	61.1	66.7	71.2	75.3	79.8	85.4	94.0	106.9	125.8	154.3	200.2
12.5°	61.8	67.3	71.7	75.9	80.5	86.7	96.4	110.9	132.5	166.5	223.5
10°	62.3	67.8	72.0	76.3	81.0	87.8	98.3	114.2	138.0	177.2	243.3
7.5°	62.8	68.1	72.3	76.6	81.4	88.6	99.8	116.7	142.3	185.5	258.9
5°	63.1	68.3	72.4	76.8	81.8	89.1	100.8	118.5	145.2	191.4	270.0
2.5°	63.3	68.4	72.4	76.9	82.0	89.3	101.3	119.5	147.5	194.3	275.9
0°	63.4	68.3	72.3	76.8	82.1	89.3	101.3	119.7	148.7	194.2	276.8
-2.5°	63.3	68.4	72.4	76.9	82.0	89.3	101.3	119.5	147.5	194.3	275.9
-5°	63.1	68.3	72.4	76.8	81.8	89.1	100.8	118.5	145.2	191.4	270.0
-7.5°	62.8	68.1	72.3	76.6	81.4	88.6	99.8	116.7	142.3	185.5	258.9
-10°	62.3	67.8	72.0	76.3	81.0	87.8	98.3	114.2	138.0	177.2	243.3
-12.5°	61.8	67.3	71.7	75.9	80.5	86.7	96.4	110.9	132.5	166.5	223.5
-15°	61.1	66.7	71.2	75.3	79.8	85.4	94.0	106.9	125.8	154.3	200.2
-17.5°	60.3	65.9	70.6	74.6	78.9	83.9	91.2	102.6	119.4	144.3	184.5
-20°	59.4	65.1	69.9	73.8	77.9	82.5	89.2	99.3	113.8	134.7	166.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	58.3	64.1	69.0	72.9	76.9	81.3	87.2	95.6	107.6	123.7	148.6
-25°	57.1	62.8	67.8	71.9	75.8	79.8	84.9	91.6	102.0	115.8	135.1
-27.5°	55.8	61.3	66.5	70.8	74.6	78.3	82.9	88.8	96.8	107.5	121.7
-30°	54.4	59.8	65.2	69.6	73.3	76.9	80.8	85.7	91.8	100.7	112.2
-32.5°	52.9	58.2	63.6	68.1	71.8	75.4	78.7	83.0	88.2	94.3	103.3
-35°	51.2	56.4	61.6	66.5	70.2	73.7	76.9	80.4	84.6	89.8	96.1
-37.5°	49.4	54.4	59.5	64.6	68.5	71.8	74.8	78.0	81.6	85.6	90.5
-40°	47.5	52.3	57.2	62.1	66.6	69.8	72.7	75.6	78.7	82.1	85.8
-42.5°	45.5	50.1	54.8	59.5	64.0	67.6	70.6	73.3	75.8	78.7	81.9
-45°	43.3	47.7	52.2	56.8	61.2	65.0	68.1	71.0	73.2	75.6	78.2
-47.5°	41.1	45.2	49.5	53.9	58.3	62.2	65.4	68.1	70.4	72.6	74.8
-50°	38.8	42.8	46.7	51.0	55.1	59.2	62.6	65.2	67.5	69.5	71.4
-52.5°	36.3	40.2	44.0	47.9	51.8	55.7	59.4	62.3	64.5	66.6	68.4
-55°	33.8	37.5	41.1	44.7	48.5	52.1	55.6	58.8	61.5	63.5	65.5
-57.5°	31.2	34.6	38.0	41.4	44.9	48.4	51.6	54.9	57.8	60.1	62.2
-60°	28.5	31.6	34.6	37.8	41.1	44.2	47.3	50.4	53.4	56.3	58.0
-62.5°	25.7	28.5	31.3	34.0	37.0	39.9	42.6	45.5	48.3	50.8	52.9
-65°	22.8	25.4	27.8	30.3	32.7	35.3	37.8	40.3	42.7	45.1	47.2
-67.5°	19.7	22.1	24.3	26.5	28.7	30.8	33.0	35.1	37.2	39.4	41.4
-70°	16.9	18.8	20.8	22.8	24.6	26.5	28.3	30.1	31.9	33.7	35.6
-72.5°	14.1	15.8	17.4	19.0	20.7	22.3	23.8	25.3	26.8	28.4	29.9
-75°	11.4	12.8	14.1	15.5	16.8	18.1	19.4	20.7	21.9	23.2	24.4
-77.5°	8.9	10.0	11.1	12.1	13.1	14.2	15.2	16.2	17.2	18.2	19.2
-80°	6.5	7.3	8.2	9.1	9.9	10.6	11.3	12.0	12.7	13.5	14.3
-82.5°	4.4	5.0	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7
-85°	2.5	2.7	3.1	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6
-87.5°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	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: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-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°	2.2	2.2	2.1	2.1	2.0	2.1	2.3	2.5	2.6	2.5	2.4
85°	5.8	5.9	6.0	6.1	6.2	6.5	6.8	7.0	7.3	7.2	7.2
82.5°	10.2	10.5	10.8	11.1	11.3	11.6	11.9	12.1	12.4	12.5	12.6
80°	15.1	15.6	16.0	16.5	16.8	17.3	17.7	18.0	18.3	18.5	18.6
77.5°	20.1	20.9	21.6	22.3	22.9	23.6	24.1	24.6	25.1	25.2	25.2
75°	25.6	26.6	27.6	28.5	29.4	30.1	30.7	31.2	31.6	31.8	31.9
72.5°	31.3	32.6	33.8	34.8	35.7	36.5	37.1	37.6	38.1	38.4	38.6
70°	37.3	38.8	40.0	41.0	41.7	42.5	43.3	44.1	44.8	45.3	45.4
67.5°	43.2	44.8	45.9	46.8	47.5	48.2	49.3	50.2	51.0	51.6	52.0
65°	49.1	50.7	51.8	52.7	53.4	54.1	55.2	56.2	56.9	57.4	57.9
62.5°	54.9	56.6	57.8	58.8	59.7	60.5	61.4	62.2	62.9	63.4	64.1
60°	59.9	61.9	63.2	64.2	65.3	66.6	67.3	67.9	68.4	68.8	69.2
57.5°	64.0	65.7	67.4	68.6	69.8	70.9	71.8	72.3	72.8	73.2	73.3
55°	67.4	69.2	71.0	72.4	73.6	74.7	75.6	76.3	76.9	77.3	77.4
52.5°	70.4	72.5	74.3	75.9	77.4	78.7	79.7	80.7	81.5	82.2	82.5
50°	73.8	75.9	78.2	80.2	81.9	83.4	84.6	86.0	87.5	88.7	89.4
47.5°	77.3	79.7	82.4	85.0	87.0	89.2	91.2	93.3	96.0	98.2	99.9
45°	80.9	84.1	87.2	90.5	93.2	97.3	101.1	104.4	108.7	112.6	115.8
42.5°	85.3	89.3	93.0	98.3	103.7	109.3	115.3	120.5	127.3	134.2	139.8
40°	90.4	95.5	102.2	109.2	117.8	125.5	135.9	145.2	155.7	168.8	179.7
37.5°	96.6	104.4	113.7	123.5	136.9	149.6	166.9	185.1	201.6	227.0	248.3
35°	104.6	115.6	127.8	145.0	164.0	188.0	214.9	250.1	280.3	323.0	363.9
32.5°	114.9	129.0	149.0	175.6	203.6	247.2	290.0	351.1	407.6	475.4	548.5
30°	126.4	147.8	178.3	214.9	267.2	331.4	406.7	500.5	603.1	698.4	792.3
27.5°	143.1	173.7	213.9	272.8	354.4	444.1	576.1	703.4	836.2	954.3	1052.7
25°	162.5	203.1	265.1	351.8	462.2	615.9	773.9	931.1	1073.9	1197.4	1306.2
22.5°	187.7	245.9	328.6	441.0	612.8	797.0	982.4	1155.7	1308.0	1445.6	1563.4
20°	215.0	287.9	406.0	573.6	770.1	979.9	1189.2	1373.8	1541.5	1697.6	1830.3
17.5°	249.7	351.8	501.3	702.3	929.5	1159.4	1379.3	1579.6	1769.9	1935.0	2073.6
15°	279.2	408.1	603.2	838.9	1084.7	1327.2	1559.3	1776.9	1974.7	2144.1	2274.5
12.5°	318.6	471.1	693.6	956.3	1222.7	1477.9	1722.4	1947.2	2148.6	2316.1	2417.5
10°	355.8	536.3	781.0	1055.0	1331.7	1603.6	1864.7	2095.3	2282.2	2415.5	2501.9
7.5°	387.5	592.4	852.1	1134.8	1418.3	1702.6	1966.9	2191.3	2363.6	2474.9	2535.1
5°	411.1	634.3	904.9	1199.6	1490.5	1779.8	2042.0	2252.7	2401.6	2484.3	2514.5
2.5°	426.2	659.0	935.6	1242.1	1538.9	1828.7	2093.6	2300.9	2427.3	2482.1	2487.3
0°	432.2	662.1	940.3	1264.4	1551.0	1842.6	2108.2	2320.7	2436.8	2481.9	2481.0
-2.5°	426.2	659.0	935.6	1242.1	1538.9	1828.7	2093.6	2300.9	2427.3	2482.1	2487.3
-5°	411.1	634.3	904.9	1199.6	1490.5	1779.8	2042.0	2252.7	2401.6	2484.3	2514.5
-7.5°	387.5	592.4	852.1	1134.8	1418.3	1702.6	1966.9	2191.3	2363.6	2474.9	2535.1
-10°	355.8	536.3	781.0	1055.0	1331.7	1603.6	1864.7	2095.3	2282.2	2415.5	2501.9
-12.5°	318.6	471.1	693.6	956.3	1222.7	1477.9	1722.4	1947.2	2148.6	2316.1	2417.5
-15°	279.2	408.1	603.2	838.9	1084.7	1327.2	1559.3	1776.9	1974.7	2144.1	2274.5
-17.5°	249.7	351.8	501.3	702.3	929.5	1159.4	1379.3	1579.6	1769.9	1935.0	2073.6
-20°	215.0	287.9	406.0	573.6	770.1	979.9	1189.2	1373.8	1541.5	1697.6	1830.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	187.7	245.9	328.6	441.0	612.8	797.0	982.4	1155.7	1308.0	1445.6	1563.4
-25°	162.5	203.1	265.1	351.8	462.2	615.9	773.9	931.1	1073.9	1197.4	1306.2
-27.5°	143.1	173.7	213.9	272.8	354.4	444.1	576.1	703.4	836.2	954.3	1052.7
-30°	126.4	147.8	178.3	214.9	267.2	331.4	406.7	500.5	603.1	698.4	792.3
-32.5°	114.9	129.0	149.0	175.6	203.6	247.2	290.0	351.1	407.6	475.4	548.5
-35°	104.6	115.6	127.8	145.0	164.0	188.0	214.9	250.1	280.3	323.0	363.9
-37.5°	96.6	104.4	113.7	123.5	136.9	149.6	166.9	185.1	201.6	227.0	248.3
-40°	90.4	95.5	102.2	109.2	117.8	125.5	135.9	145.2	155.7	168.8	179.7
-42.5°	85.3	89.3	93.0	98.3	103.7	109.3	115.3	120.5	127.3	134.2	139.8
-45°	80.9	84.1	87.2	90.5	93.2	97.3	101.1	104.4	108.7	112.6	115.8
-47.5°	77.3	79.7	82.4	85.0	87.0	89.2	91.2	93.3	96.0	98.2	99.9
-50°	73.8	75.9	78.2	80.2	81.9	83.4	84.6	86.0	87.5	88.7	89.4
-52.5°	70.4	72.5	74.3	75.9	77.4	78.7	79.7	80.7	81.5	82.2	82.5
-55°	67.4	69.2	71.0	72.4	73.6	74.7	75.6	76.3	76.9	77.3	77.4
-57.5°	64.0	65.7	67.4	68.6	69.8	70.9	71.8	72.3	72.8	73.2	73.3
-60°	59.9	61.9	63.2	64.2	65.3	66.6	67.3	67.9	68.4	68.8	69.2
-62.5°	54.9	56.6	57.8	58.8	59.7	60.5	61.4	62.2	62.9	63.4	64.1
-65°	49.1	50.7	51.8	52.7	53.4	54.1	55.2	56.2	56.9	57.4	57.9
-67.5°	43.2	44.8	45.9	46.8	47.5	48.2	49.3	50.2	51.0	51.6	52.0
-70°	37.3	38.8	40.0	41.0	41.7	42.5	43.3	44.1	44.8	45.3	45.4
-72.5°	31.3	32.6	33.8	34.8	35.7	36.5	37.1	37.6	38.1	38.4	38.6
-75°	25.6	26.6	27.6	28.5	29.4	30.1	30.7	31.2	31.6	31.8	31.9
-77.5°	20.1	20.9	21.6	22.3	22.9	23.6	24.1	24.6	25.1	25.2	25.2
-80°	15.1	15.6	16.0	16.5	16.8	17.3	17.7	18.0	18.3	18.5	18.6
-82.5°	10.2	10.5	10.8	11.1	11.3	11.6	11.9	12.1	12.4	12.5	12.6
-85°	5.8	5.9	6.0	6.1	6.2	6.5	6.8	7.0	7.3	7.2	7.2
-87.5°	2.2	2.2	2.1	2.1	2.0	2.1	2.3	2.5	2.6	2.5	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-MWR-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°	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.6	2.5
85°	7.1	7.1	6.9	6.7	6.9	7.1	7.1	7.2	7.2	7.3	7.0
82.5°	12.8	12.8	12.7	12.5	12.7	12.8	12.8	12.6	12.5	12.4	12.1
80°	18.7	18.7	18.5	18.3	18.5	18.7	18.7	18.6	18.5	18.3	18.0
77.5°	25.1	24.9	25.0	25.0	25.0	24.9	25.1	25.2	25.2	25.1	24.6
75°	32.0	32.0	31.9	31.7	31.9	32.0	32.0	31.9	31.8	31.6	31.2
72.5°	38.6	38.6	38.6	38.4	38.6	38.6	38.6	38.6	38.4	38.1	37.6
70°	45.4	45.3	45.4	45.5	45.4	45.3	45.4	45.4	45.3	44.8	44.1
67.5°	52.3	52.5	52.4	52.2	52.4	52.5	52.3	52.0	51.6	51.0	50.2
65°	58.3	58.6	58.8	58.9	58.8	58.6	58.3	57.9	57.4	56.9	56.2
62.5°	64.6	64.9	64.9	64.7	64.9	64.9	64.6	64.1	63.4	62.9	62.2
60°	69.4	69.4	69.4	69.2	69.4	69.4	69.4	69.2	68.8	68.4	67.9
57.5°	73.3	73.1	73.0	72.8	73.0	73.1	73.3	73.3	73.2	72.8	72.3
55°	77.4	77.2	77.0	76.8	77.0	77.2	77.4	77.4	77.3	76.9	76.3
52.5°	82.6	82.5	82.3	82.1	82.3	82.5	82.6	82.5	82.2	81.5	80.7
50°	89.8	89.9	89.9	89.7	89.9	89.9	89.8	89.4	88.7	87.5	86.0
47.5°	101.0	101.6	102.0	102.2	102.0	101.6	101.0	99.9	98.2	96.0	93.3
45°	117.8	119.0	119.8	120.5	119.8	119.0	117.8	115.8	112.6	108.7	104.4
42.5°	143.7	146.4	147.7	147.3	147.7	146.4	143.7	139.8	134.2	127.3	120.5
40°	187.0	191.3	193.7	195.6	193.7	191.3	187.0	179.7	168.8	155.7	145.2
37.5°	262.9	271.2	275.7	279.5	275.7	271.2	262.9	248.3	227.0	201.6	185.1
35°	394.4	413.3	423.3	426.8	423.3	413.3	394.4	363.9	323.0	280.3	250.1
32.5°	605.5	640.2	659.3	674.2	659.3	640.2	605.5	548.5	475.4	407.6	351.1
30°	866.6	912.3	937.7	950.1	937.7	912.3	866.6	792.3	698.4	603.1	500.5
27.5°	1134.3	1186.3	1213.7	1212.2	1213.7	1186.3	1134.3	1052.7	954.3	836.2	703.4
25°	1399.4	1459.6	1486.9	1511.3	1486.9	1459.6	1399.4	1306.2	1197.4	1073.9	931.1
22.5°	1667.6	1737.9	1776.3	1794.3	1776.3	1737.9	1667.6	1563.4	1445.6	1308.0	1155.7
20°	1932.5	2010.8	2051.7	2069.4	2051.7	2010.8	1932.5	1830.3	1697.6	1541.5	1373.8
17.5°	2167.5	2243.9	2282.8	2299.3	2282.8	2243.9	2167.5	2073.6	1935.0	1769.9	1579.6
15°	2355.1	2411.5	2444.6	2453.3	2444.6	2411.5	2355.1	2274.5	2144.1	1974.7	1776.9
12.5°	2484.8	2506.7	2522.5	2527.4	2522.5	2506.7	2484.8	2417.5	2316.1	2148.6	1947.2
10°	2551.1	2541.2	2537.2	2537.7	2537.2	2541.2	2551.1	2501.9	2415.5	2282.2	2095.3
7.5°	2546.5	2531.9	2502.7	2498.0	2502.7	2531.9	2546.5	2535.1	2474.9	2363.6	2191.3
5°	2510.0	2483.4	2434.7	2420.7	2434.7	2483.4	2510.0	2514.5	2484.3	2401.6	2252.7
2.5°	2467.3	2419.4	2374.6	2345.7	2374.6	2419.4	2467.3	2487.3	2482.1	2427.3	2300.9
0°	2454.7	2399.3	2341.3	2322.5	2341.3	2399.3	2454.7	2481.0	2481.9	2436.8	2320.7
-2.5°	2467.3	2419.4	2374.6	2345.7	2374.6	2419.4	2467.3	2487.3	2482.1	2427.3	2300.9
-5°	2510.0	2483.4	2434.7	2420.7	2434.7	2483.4	2510.0	2514.5	2484.3	2401.6	2252.7
-7.5°	2546.5	2531.9	2502.7	2498.0	2502.7	2531.9	2546.5	2535.1	2474.9	2363.6	2191.3
-10°	2551.1	2541.2	2537.2	2537.7	2537.2	2541.2	2551.1	2501.9	2415.5	2282.2	2095.3
-12.5°	2484.8	2506.7	2522.5	2527.4	2522.5	2506.7	2484.8	2417.5	2316.1	2148.6	1947.2
-15°	2355.1	2411.5	2444.6	2453.3	2444.6	2411.5	2355.1	2274.5	2144.1	1974.7	1776.9
-17.5°	2167.5	2243.9	2282.8	2299.3	2282.8	2243.9	2167.5	2073.6	1935.0	1769.9	1579.6
-20°	1932.5	2010.8	2051.7	2069.4	2051.7	2010.8	1932.5	1830.3	1697.6	1541.5	1373.8



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1667.6	1737.9	1776.3	1794.3	1776.3	1737.9	1667.6	1563.4	1445.6	1308.0	1155.7
-25°	1399.4	1459.6	1486.9	1511.3	1486.9	1459.6	1399.4	1306.2	1197.4	1073.9	931.1
-27.5°	1134.3	1186.3	1213.7	1212.2	1213.7	1186.3	1134.3	1052.7	954.3	836.2	703.4
-30°	866.6	912.3	937.7	950.1	937.7	912.3	866.6	792.3	698.4	603.1	500.5
-32.5°	605.5	640.2	659.3	674.2	659.3	640.2	605.5	548.5	475.4	407.6	351.1
-35°	394.4	413.3	423.3	426.8	423.3	413.3	394.4	363.9	323.0	280.3	250.1
-37.5°	262.9	271.2	275.7	279.5	275.7	271.2	262.9	248.3	227.0	201.6	185.1
-40°	187.0	191.3	193.7	195.6	193.7	191.3	187.0	179.7	168.8	155.7	145.2
-42.5°	143.7	146.4	147.7	147.3	147.7	146.4	143.7	139.8	134.2	127.3	120.5
-45°	117.8	119.0	119.8	120.5	119.8	119.0	117.8	115.8	112.6	108.7	104.4
-47.5°	101.0	101.6	102.0	102.2	102.0	101.6	101.0	99.9	98.2	96.0	93.3
-50°	89.8	89.9	89.9	89.7	89.9	89.9	89.8	89.4	88.7	87.5	86.0
-52.5°	82.6	82.5	82.3	82.1	82.3	82.5	82.6	82.5	82.2	81.5	80.7
-55°	77.4	77.2	77.0	76.8	77.0	77.2	77.4	77.4	77.3	76.9	76.3
-57.5°	73.3	73.1	73.0	72.8	73.0	73.1	73.3	73.3	73.2	72.8	72.3
-60°	69.4	69.4	69.4	69.2	69.4	69.4	69.4	69.2	68.8	68.4	67.9
-62.5°	64.6	64.9	64.9	64.7	64.9	64.9	64.6	64.1	63.4	62.9	62.2
-65°	58.3	58.6	58.8	58.9	58.8	58.6	58.3	57.9	57.4	56.9	56.2
-67.5°	52.3	52.5	52.4	52.2	52.4	52.5	52.3	52.0	51.6	51.0	50.2
-70°	45.4	45.3	45.4	45.5	45.4	45.3	45.4	45.4	45.3	44.8	44.1
-72.5°	38.6	38.6	38.6	38.4	38.6	38.6	38.6	38.6	38.4	38.1	37.6
-75°	32.0	32.0	31.9	31.7	31.9	32.0	32.0	31.9	31.8	31.6	31.2
-77.5°	25.1	24.9	25.0	25.0	25.0	24.9	25.1	25.2	25.2	25.1	24.6
-80°	18.7	18.7	18.5	18.3	18.5	18.7	18.7	18.6	18.5	18.3	18.0
-82.5°	12.8	12.8	12.7	12.5	12.7	12.8	12.8	12.6	12.5	12.4	12.1
-85°	7.1	7.1	6.9	6.7	6.9	7.1	7.1	7.2	7.2	7.3	7.0
-87.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.6	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: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.1	2.0	2.1	2.1	2.2	2.2	2.1	2.1	2.0	1.9
85°	6.8	6.5	6.2	6.1	6.0	5.9	5.8	5.6	5.3	5.0	4.7
82.5°	11.9	11.6	11.3	11.1	10.8	10.5	10.2	9.7	9.2	8.7	8.2
80°	17.7	17.3	16.8	16.5	16.0	15.6	15.1	14.3	13.5	12.7	12.0
77.5°	24.1	23.6	22.9	22.3	21.6	20.9	20.1	19.2	18.2	17.2	16.2
75°	30.7	30.1	29.4	28.5	27.6	26.6	25.6	24.4	23.2	21.9	20.7
72.5°	37.1	36.5	35.7	34.8	33.8	32.6	31.3	29.9	28.4	26.8	25.3
70°	43.3	42.5	41.7	41.0	40.0	38.8	37.3	35.6	33.7	31.9	30.1
67.5°	49.3	48.2	47.5	46.8	45.9	44.8	43.2	41.4	39.4	37.2	35.1
65°	55.2	54.1	53.4	52.7	51.8	50.7	49.1	47.2	45.1	42.7	40.3
62.5°	61.4	60.5	59.7	58.8	57.8	56.6	54.9	52.9	50.8	48.3	45.5
60°	67.3	66.6	65.3	64.2	63.2	61.9	59.9	58.0	56.3	53.4	50.4
57.5°	71.8	70.9	69.8	68.6	67.4	65.7	64.0	62.2	60.1	57.8	54.9
55°	75.6	74.7	73.6	72.4	71.0	69.2	67.4	65.5	63.5	61.5	58.8
52.5°	79.7	78.7	77.4	75.9	74.3	72.5	70.4	68.4	66.6	64.5	62.3
50°	84.6	83.4	81.9	80.2	78.2	75.9	73.8	71.4	69.5	67.5	65.2
47.5°	91.2	89.2	87.0	85.0	82.4	79.7	77.3	74.8	72.6	70.4	68.1
45°	101.1	97.3	93.2	90.5	87.2	84.1	80.9	78.2	75.6	73.2	71.0
42.5°	115.3	109.3	103.7	98.3	93.0	89.3	85.3	81.9	78.7	75.8	73.3
40°	135.9	125.5	117.8	109.2	102.2	95.5	90.4	85.8	82.1	78.7	75.6
37.5°	166.9	149.6	136.9	123.5	113.7	104.4	96.6	90.5	85.6	81.6	78.0
35°	214.9	188.0	164.0	145.0	127.8	115.6	104.6	96.1	89.8	84.6	80.4
32.5°	290.0	247.2	203.6	175.6	149.0	129.0	114.9	103.3	94.3	88.2	83.0
30°	406.7	331.4	267.2	214.9	178.3	147.8	126.4	112.2	100.7	91.8	85.7
27.5°	576.1	444.1	354.4	272.8	213.9	173.7	143.1	121.7	107.5	96.8	88.8
25°	773.9	615.9	462.2	351.8	265.1	203.1	162.5	135.1	115.8	102.0	91.6
22.5°	982.4	797.0	612.8	441.0	328.6	245.9	187.7	148.6	123.7	107.6	95.6
20°	1189.2	979.9	770.1	573.6	406.0	287.9	215.0	166.5	134.7	113.8	99.3
17.5°	1379.3	1159.4	929.5	702.3	501.3	351.8	249.7	184.5	144.3	119.4	102.6
15°	1559.3	1327.2	1084.7	838.9	603.2	408.1	279.2	200.2	154.3	125.8	106.9
12.5°	1722.4	1477.9	1222.7	956.3	693.6	471.1	318.6	223.5	166.5	132.5	110.9
10°	1864.7	1603.6	1331.7	1055.0	781.0	536.3	355.8	243.3	177.2	138.0	114.2
7.5°	1966.9	1702.6	1418.3	1134.8	852.1	592.4	387.5	258.9	185.5	142.3	116.7
5°	2042.0	1779.8	1490.5	1199.6	904.9	634.3	411.1	270.0	191.4	145.2	118.5
2.5°	2093.6	1828.7	1538.9	1242.1	935.6	659.0	426.2	275.9	194.3	147.5	119.5
0°	2108.2	1842.6	1551.0	1264.4	940.3	662.1	432.2	276.8	194.2	148.7	119.7
-2.5°	2093.6	1828.7	1538.9	1242.1	935.6	659.0	426.2	275.9	194.3	147.5	119.5
-5°	2042.0	1779.8	1490.5	1199.6	904.9	634.3	411.1	270.0	191.4	145.2	118.5
-7.5°	1966.9	1702.6	1418.3	1134.8	852.1	592.4	387.5	258.9	185.5	142.3	116.7
-10°	1864.7	1603.6	1331.7	1055.0	781.0	536.3	355.8	243.3	177.2	138.0	114.2
-12.5°	1722.4	1477.9	1222.7	956.3	693.6	471.1	318.6	223.5	166.5	132.5	110.9
-15°	1559.3	1327.2	1084.7	838.9	603.2	408.1	279.2	200.2	154.3	125.8	106.9
-17.5°	1379.3	1159.4	929.5	702.3	501.3	351.8	249.7	184.5	144.3	119.4	102.6
-20°	1189.2	979.9	770.1	573.6	406.0	287.9	215.0	166.5	134.7	113.8	99.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	982.4	797.0	612.8	441.0	328.6	245.9	187.7	148.6	123.7	107.6	95.6
-25°	773.9	615.9	462.2	351.8	265.1	203.1	162.5	135.1	115.8	102.0	91.6
-27.5°	576.1	444.1	354.4	272.8	213.9	173.7	143.1	121.7	107.5	96.8	88.8
-30°	406.7	331.4	267.2	214.9	178.3	147.8	126.4	112.2	100.7	91.8	85.7
-32.5°	290.0	247.2	203.6	175.6	149.0	129.0	114.9	103.3	94.3	88.2	83.0
-35°	214.9	188.0	164.0	145.0	127.8	115.6	104.6	96.1	89.8	84.6	80.4
-37.5°	166.9	149.6	136.9	123.5	113.7	104.4	96.6	90.5	85.6	81.6	78.0
-40°	135.9	125.5	117.8	109.2	102.2	95.5	90.4	85.8	82.1	78.7	75.6
-42.5°	115.3	109.3	103.7	98.3	93.0	89.3	85.3	81.9	78.7	75.8	73.3
-45°	101.1	97.3	93.2	90.5	87.2	84.1	80.9	78.2	75.6	73.2	71.0
-47.5°	91.2	89.2	87.0	85.0	82.4	79.7	77.3	74.8	72.6	70.4	68.1
-50°	84.6	83.4	81.9	80.2	78.2	75.9	73.8	71.4	69.5	67.5	65.2
-52.5°	79.7	78.7	77.4	75.9	74.3	72.5	70.4	68.4	66.6	64.5	62.3
-55°	75.6	74.7	73.6	72.4	71.0	69.2	67.4	65.5	63.5	61.5	58.8
-57.5°	71.8	70.9	69.8	68.6	67.4	65.7	64.0	62.2	60.1	57.8	54.9
-60°	67.3	66.6	65.3	64.2	63.2	61.9	59.9	58.0	56.3	53.4	50.4
-62.5°	61.4	60.5	59.7	58.8	57.8	56.6	54.9	52.9	50.8	48.3	45.5
-65°	55.2	54.1	53.4	52.7	51.8	50.7	49.1	47.2	45.1	42.7	40.3
-67.5°	49.3	48.2	47.5	46.8	45.9	44.8	43.2	41.4	39.4	37.2	35.1
-70°	43.3	42.5	41.7	41.0	40.0	38.8	37.3	35.6	33.7	31.9	30.1
-72.5°	37.1	36.5	35.7	34.8	33.8	32.6	31.3	29.9	28.4	26.8	25.3
-75°	30.7	30.1	29.4	28.5	27.6	26.6	25.6	24.4	23.2	21.9	20.7
-77.5°	24.1	23.6	22.9	22.3	21.6	20.9	20.1	19.2	18.2	17.2	16.2
-80°	17.7	17.3	16.8	16.5	16.0	15.6	15.1	14.3	13.5	12.7	12.0
-82.5°	11.9	11.6	11.3	11.1	10.8	10.5	10.2	9.7	9.2	8.7	8.2
-85°	6.8	6.5	6.2	6.1	6.0	5.9	5.8	5.6	5.3	5.0	4.7
-87.5°	2.3	2.1	2.0	2.1	2.1	2.2	2.2	2.1	2.1	2.0	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.8	0.7
85°	4.4	4.1	3.8	3.4	3.1	2.7	2.5	2.3	2.0	1.7	1.4
82.5°	7.7	7.2	6.7	6.2	5.6	5.0	4.4	3.9	3.2	2.6	2.1
80°	11.3	10.6	9.9	9.1	8.2	7.3	6.5	5.7	4.9	4.1	3.3
77.5°	15.2	14.2	13.1	12.1	11.1	10.0	8.9	7.7	6.6	5.7	4.7
75°	19.4	18.1	16.8	15.5	14.1	12.8	11.4	10.1	8.7	7.3	6.1
72.5°	23.8	22.3	20.7	19.0	17.4	15.8	14.1	12.4	10.8	9.2	7.5
70°	28.3	26.5	24.6	22.8	20.8	18.8	16.9	14.9	13.0	11.1	9.2
67.5°	33.0	30.8	28.7	26.5	24.3	22.1	19.7	17.4	15.2	13.0	10.8
65°	37.8	35.3	32.7	30.3	27.8	25.4	22.8	19.9	17.3	14.9	12.4
62.5°	42.6	39.9	37.0	34.0	31.3	28.5	25.7	22.6	19.5	16.7	14.0
60°	47.3	44.2	41.1	37.8	34.6	31.6	28.5	25.2	21.8	18.5	15.6
57.5°	51.6	48.4	44.9	41.4	38.0	34.6	31.2	27.7	24.1	20.5	17.1
55°	55.6	52.1	48.5	44.7	41.1	37.5	33.8	30.0	26.2	22.4	18.6
52.5°	59.4	55.7	51.8	47.9	44.0	40.2	36.3	32.3	28.3	24.2	20.2
50°	62.6	59.2	55.1	51.0	46.7	42.8	38.8	34.6	30.3	26.0	21.8
47.5°	65.4	62.2	58.3	53.9	49.5	45.2	41.1	36.7	32.2	27.7	23.3
45°	68.1	65.0	61.2	56.8	52.2	47.7	43.3	38.8	34.1	29.4	24.7
42.5°	70.6	67.6	64.0	59.5	54.8	50.1	45.5	40.8	35.9	31.0	26.1
40°	72.7	69.8	66.6	62.1	57.2	52.3	47.5	42.6	37.6	32.5	27.4
37.5°	74.8	71.8	68.5	64.6	59.5	54.4	49.4	44.4	39.2	33.9	28.6
35°	76.9	73.7	70.2	66.5	61.6	56.4	51.2	46.1	40.8	35.3	29.8
32.5°	78.7	75.4	71.8	68.1	63.6	58.2	52.9	47.6	42.2	36.6	30.9
30°	80.8	76.9	73.3	69.6	65.2	59.8	54.4	49.0	43.5	37.9	31.9
27.5°	82.9	78.3	74.6	70.8	66.5	61.3	55.8	50.3	44.7	39.0	32.9
25°	84.9	79.8	75.8	71.9	67.8	62.8	57.1	51.5	45.8	40.0	33.8
22.5°	87.2	81.3	76.9	72.9	69.0	64.1	58.3	52.6	46.7	40.9	34.6
20°	89.2	82.5	77.9	73.8	69.9	65.1	59.4	53.5	47.6	41.6	35.4
17.5°	91.2	83.9	78.9	74.6	70.6	65.9	60.3	54.3	48.3	42.3	36.1
15°	94.0	85.4	79.8	75.3	71.2	66.7	61.1	55.0	49.0	42.9	36.7
12.5°	96.4	86.7	80.5	75.9	71.7	67.3	61.8	55.6	49.5	43.4	37.2
10°	98.3	87.8	81.0	76.3	72.0	67.8	62.3	56.1	50.0	43.8	37.6
7.5°	99.8	88.6	81.4	76.6	72.3	68.1	62.8	56.5	50.4	44.2	38.0
5°	100.8	89.1	81.8	76.8	72.4	68.3	63.1	56.8	50.7	44.4	38.2
2.5°	101.3	89.3	82.0	76.9	72.4	68.4	63.3	57.0	50.8	44.6	38.4
0°	101.3	89.3	82.1	76.8	72.3	68.3	63.4	57.1	50.9	44.6	38.4
-2.5°	101.3	89.3	82.0	76.9	72.4	68.4	63.3	57.0	50.8	44.6	38.4
-5°	100.8	89.1	81.8	76.8	72.4	68.3	63.1	56.8	50.7	44.4	38.2
-7.5°	99.8	88.6	81.4	76.6	72.3	68.1	62.8	56.5	50.4	44.2	38.0
-10°	98.3	87.8	81.0	76.3	72.0	67.8	62.3	56.1	50.0	43.8	37.6
-12.5°	96.4	86.7	80.5	75.9	71.7	67.3	61.8	55.6	49.5	43.4	37.2
-15°	94.0	85.4	79.8	75.3	71.2	66.7	61.1	55.0	49.0	42.9	36.7
-17.5°	91.2	83.9	78.9	74.6	70.6	65.9	60.3	54.3	48.3	42.3	36.1
-20°	89.2	82.5	77.9	73.8	69.9	65.1	59.4	53.5	47.6	41.6	35.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	87.2	81.3	76.9	72.9	69.0	64.1	58.3	52.6	46.7	40.9	34.6
-25°	84.9	79.8	75.8	71.9	67.8	62.8	57.1	51.5	45.8	40.0	33.8
-27.5°	82.9	78.3	74.6	70.8	66.5	61.3	55.8	50.3	44.7	39.0	32.9
-30°	80.8	76.9	73.3	69.6	65.2	59.8	54.4	49.0	43.5	37.9	31.9
-32.5°	78.7	75.4	71.8	68.1	63.6	58.2	52.9	47.6	42.2	36.6	30.9
-35°	76.9	73.7	70.2	66.5	61.6	56.4	51.2	46.1	40.8	35.3	29.8
-37.5°	74.8	71.8	68.5	64.6	59.5	54.4	49.4	44.4	39.2	33.9	28.6
-40°	72.7	69.8	66.6	62.1	57.2	52.3	47.5	42.6	37.6	32.5	27.4
-42.5°	70.6	67.6	64.0	59.5	54.8	50.1	45.5	40.8	35.9	31.0	26.1
-45°	68.1	65.0	61.2	56.8	52.2	47.7	43.3	38.8	34.1	29.4	24.7
-47.5°	65.4	62.2	58.3	53.9	49.5	45.2	41.1	36.7	32.2	27.7	23.3
-50°	62.6	59.2	55.1	51.0	46.7	42.8	38.8	34.6	30.3	26.0	21.8
-52.5°	59.4	55.7	51.8	47.9	44.0	40.2	36.3	32.3	28.3	24.2	20.2
-55°	55.6	52.1	48.5	44.7	41.1	37.5	33.8	30.0	26.2	22.4	18.6
-57.5°	51.6	48.4	44.9	41.4	38.0	34.6	31.2	27.7	24.1	20.5	17.1
-60°	47.3	44.2	41.1	37.8	34.6	31.6	28.5	25.2	21.8	18.5	15.6
-62.5°	42.6	39.9	37.0	34.0	31.3	28.5	25.7	22.6	19.5	16.7	14.0
-65°	37.8	35.3	32.7	30.3	27.8	25.4	22.8	19.9	17.3	14.9	12.4
-67.5°	33.0	30.8	28.7	26.5	24.3	22.1	19.7	17.4	15.2	13.0	10.8
-70°	28.3	26.5	24.6	22.8	20.8	18.8	16.9	14.9	13.0	11.1	9.2
-72.5°	23.8	22.3	20.7	19.0	17.4	15.8	14.1	12.4	10.8	9.2	7.5
-75°	19.4	18.1	16.8	15.5	14.1	12.8	11.4	10.1	8.7	7.3	6.1
-77.5°	15.2	14.2	13.1	12.1	11.1	10.0	8.9	7.7	6.6	5.7	4.7
-80°	11.3	10.6	9.9	9.1	8.2	7.3	6.5	5.7	4.9	4.1	3.3
-82.5°	7.7	7.2	6.7	6.2	5.6	5.0	4.4	3.9	3.2	2.6	2.1
-85°	4.4	4.1	3.8	3.4	3.1	2.7	2.5	2.3	2.0	1.7	1.4
-87.5°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	3.6	2.6	1.9	1.4	1.0	0.5	0.0
75°	4.8	3.6	2.3	1.7	1.1	0.6	0.0
72.5°	6.0	4.6	3.2	2.0	1.3	0.7	0.0
70°	7.3	5.6	4.0	2.3	1.5	0.8	0.0
67.5°	8.7	6.6	4.8	2.9	1.7	0.8	0.0
65°	10.0	7.7	5.5	3.5	1.9	0.9	0.0
62.5°	11.4	8.8	6.3	4.1	2.0	1.0	0.0
60°	12.7	9.8	7.1	4.6	2.2	1.1	0.0
57.5°	14.0	10.9	7.9	5.2	2.6	1.2	0.0
55°	15.3	11.9	8.7	5.7	2.9	1.3	0.0
52.5°	16.5	12.9	9.5	6.2	3.2	1.3	0.0
50°	17.8	13.9	10.2	6.7	3.6	1.4	0.0
47.5°	19.0	14.9	10.9	7.2	3.9	1.5	0.0
45°	20.2	15.9	11.6	7.7	4.2	1.6	0.0
42.5°	21.4	16.8	12.3	8.2	4.5	1.6	0.0
40°	22.5	17.7	12.9	8.7	4.7	1.7	0.0
37.5°	23.5	18.5	13.6	9.1	5.0	1.7	0.0
35°	24.5	19.3	14.2	9.5	5.2	1.8	0.0
32.5°	25.4	20.1	14.8	9.9	5.4	1.9	0.0
30°	26.3	20.8	15.4	10.2	5.6	1.9	0.0
27.5°	27.1	21.5	15.9	10.5	5.8	2.0	0.0
25°	27.8	22.1	16.3	10.8	6.0	2.0	0.0
22.5°	28.4	22.6	16.8	11.1	6.1	2.0	0.0
20°	29.0	23.0	17.1	11.3	6.3	2.1	0.0
17.5°	29.5	23.4	17.4	11.5	6.4	2.1	0.0
15°	30.0	23.8	17.7	11.7	6.5	2.1	0.0
12.5°	30.4	24.1	17.9	11.8	6.6	2.1	0.0
10°	30.7	24.3	18.1	12.0	6.6	2.2	0.0
7.5°	31.0	24.5	18.2	12.0	6.7	2.2	0.0
5°	31.1	24.6	18.3	12.1	6.7	2.2	0.0
2.5°	31.3	24.6	18.3	12.1	6.7	2.2	0.0
0°	31.3	24.6	18.3	12.1	6.7	2.2	0.0
-2.5°	31.3	24.6	18.3	12.1	6.7	2.2	0.0
-5°	31.1	24.6	18.3	12.1	6.7	2.2	0.0
-7.5°	31.0	24.5	18.2	12.0	6.7	2.2	0.0
-10°	30.7	24.3	18.1	12.0	6.6	2.2	0.0
-12.5°	30.4	24.1	17.9	11.8	6.6	2.1	0.0
-15°	30.0	23.8	17.7	11.7	6.5	2.1	0.0
-17.5°	29.5	23.4	17.4	11.5	6.4	2.1	0.0
-20°	29.0	23.0	17.1	11.3	6.3	2.1	0.0

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CATALOG NUMBER: GFLD-SA1A-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.4	22.6	16.8	11.1	6.1	2.0	0.0
-25°	27.8	22.1	16.3	10.8	6.0	2.0	0.0
-27.5°	27.1	21.5	15.9	10.5	5.8	2.0	0.0
-30°	26.3	20.8	15.4	10.2	5.6	1.9	0.0
-32.5°	25.4	20.1	14.8	9.9	5.4	1.9	0.0
-35°	24.5	19.3	14.2	9.5	5.2	1.8	0.0
-37.5°	23.5	18.5	13.6	9.1	5.0	1.7	0.0
-40°	22.5	17.7	12.9	8.7	4.7	1.7	0.0
-42.5°	21.4	16.8	12.3	8.2	4.5	1.6	0.0
-45°	20.2	15.9	11.6	7.7	4.2	1.6	0.0
-47.5°	19.0	14.9	10.9	7.2	3.9	1.5	0.0
-50°	17.8	13.9	10.2	6.7	3.6	1.4	0.0
-52.5°	16.5	12.9	9.5	6.2	3.2	1.3	0.0
-55°	15.3	11.9	8.7	5.7	2.9	1.3	0.0
-57.5°	14.0	10.9	7.9	5.2	2.6	1.2	0.0
-60°	12.7	9.8	7.1	4.6	2.2	1.1	0.0
-62.5°	11.4	8.8	6.3	4.1	2.0	1.0	0.0
-65°	10.0	7.7	5.5	3.5	1.9	0.9	0.0
-67.5°	8.7	6.6	4.8	2.9	1.7	0.8	0.0
-70°	7.3	5.6	4.0	2.3	1.5	0.8	0.0
-72.5°	6.0	4.6	3.2	2.0	1.3	0.7	0.0
-75°	4.8	3.6	2.3	1.7	1.1	0.6	0.0
-77.5°	3.6	2.6	1.9	1.4	1.0	0.5	0.0
-80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)