

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: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626765 (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-SA1E-722-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N8
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

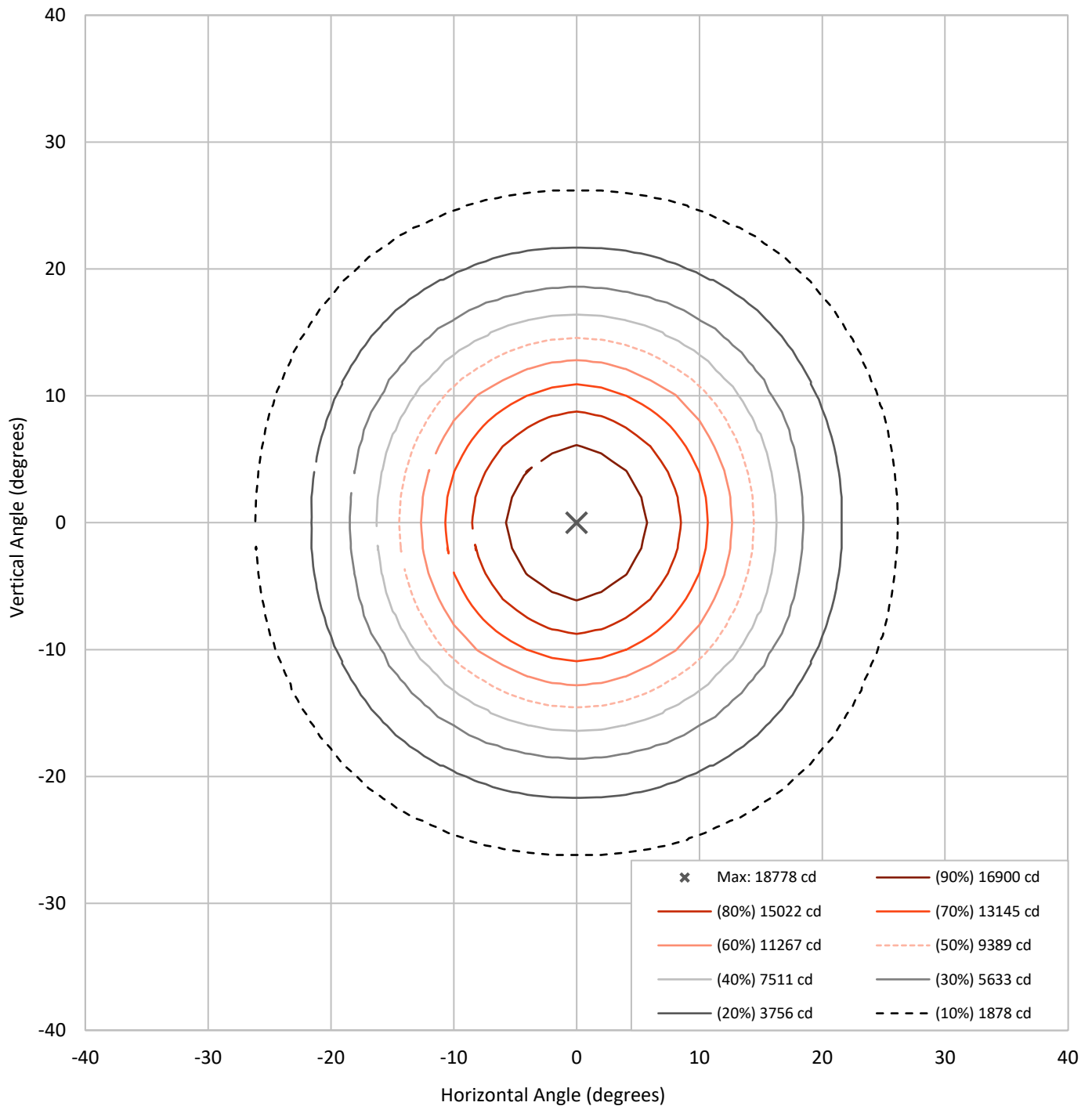
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5866.9 lumens	Max Intensity:	18778 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.6 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:	2852.4 lumens	Field Lumens:	4813.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	66.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





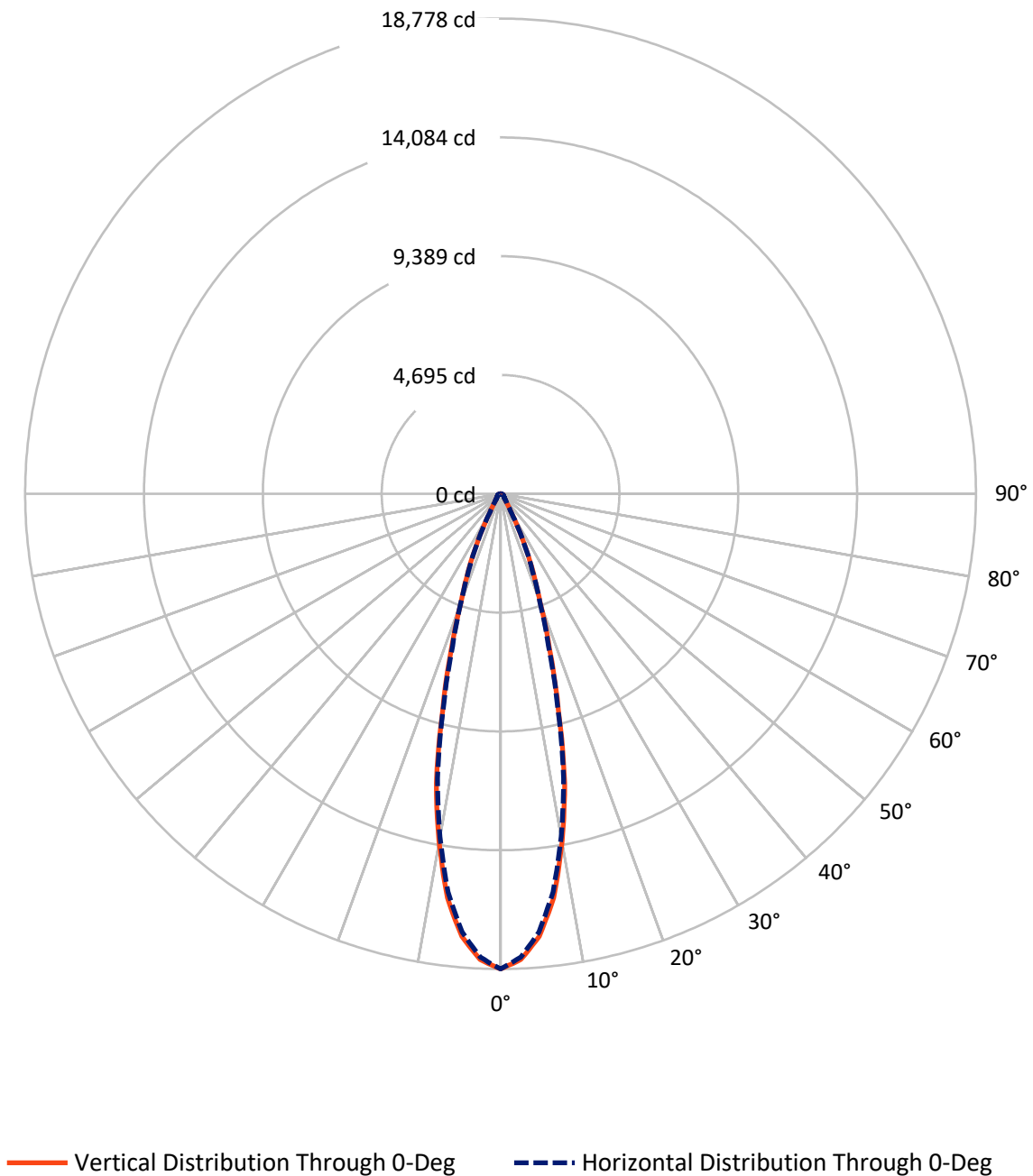
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Lumen Table

90	0.1	1.0		2.5		4.0		4.5		4.0		2.5		1.0		0.1			
80	0.1	1.0		2.5		4.0		4.5		4.0		2.5		1.0		0.1			
70	0.4	0.5	1.0	1.7	2.3	2.8	3.2	3.3	3.3	3.2	2.8	2.3	1.7	1.0	0.5	0.4			
60		0.8	1.5	2.4	3.3	4.0	4.5	4.7	4.7	4.5	4.0	3.3	2.4	1.5	0.8				
50	0.8	1.0	1.9	3.0	4.0	5.1	6.0	6.4	6.4	6.0	5.1	4.0	3.0	1.9	1.0	0.8			
40		1.1	2.3	3.5	4.9	7.0	10.2	13.2	13.2	10.2	7.0	4.9	3.5	2.3	1.1				
30	1.0	1.3	2.5	3.9	6.3	13.7	38.6	68.5	68.5	38.6	13.7	6.3	3.9	2.5	1.3	1.0			
20		1.4	2.6	4.3	8.6	36.0	128.3	245.9	245.9	128.3	36.0	8.6	4.3	2.6	1.4				
10	1.1	1.4	2.7	4.5	10.9	62.2	237.5	467.2	467.2	237.5	62.2	10.9	4.5	2.7	1.4	1.1			
0		1.4	2.7	4.5	10.9	62.2	237.5	467.2	467.2	237.5	62.2	10.9	4.5	2.7	1.4				
-10	1.0	1.4	2.6	4.3	8.6	36.0	128.3	245.9	245.9	128.3	36.0	8.6	4.3	2.6	1.4	1.0			
-20		1.3	2.5	3.9	6.3	13.7	38.6	68.5	68.5	38.6	13.7	6.3	3.9	2.5	1.3				
-30	0.8	1.1	2.3	3.5	4.9	7.0	10.2	13.2	13.2	10.2	7.0	4.9	3.5	2.3	1.1	0.8			
-40		1.0	1.9	3.0	4.0	5.1	6.0	6.4	6.4	6.0	5.1	4.0	3.0	1.9	1.0				
-50	0.4	0.8	1.5	2.4	3.3	4.0	4.5	4.7	4.7	4.5	4.0	3.3	2.4	1.5	0.8	0.4			
-60		0.5	1.0	1.7	2.3	2.8	3.2	3.3	3.3	3.2	2.8	2.3	1.7	1.0	0.5				
-70	0.1	1.0		2.5		4.0		4.5		4.0		2.5		1.0		0.1			
-80		1.0		2.5		4.0		4.5		4.0		2.5		1.0					
-90	0.1	1.0		2.5		4.0		4.5		4.0		2.5		1.0		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

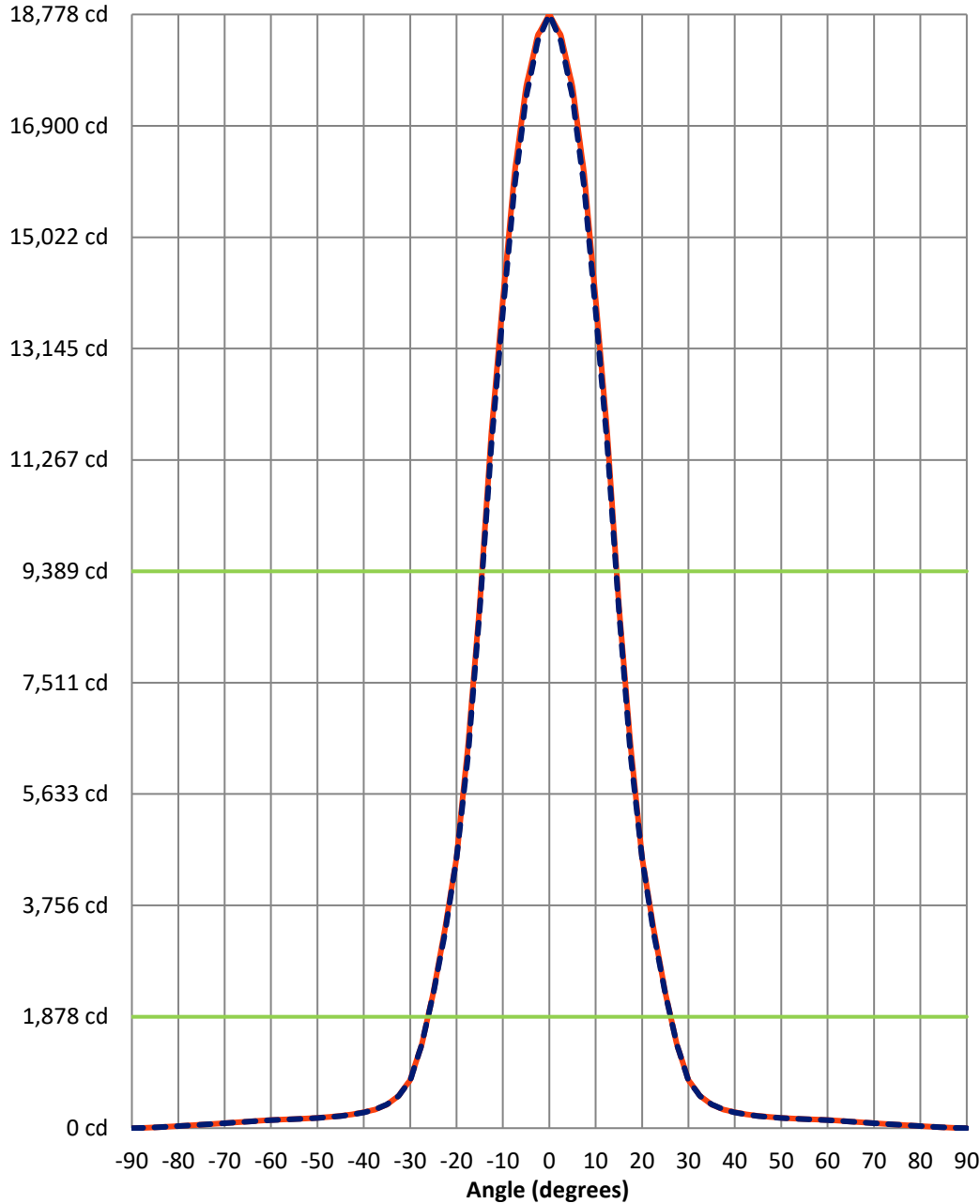
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2852.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 4813.7
 Efficiency: 82.0%

Spill:
 Lumens: 1053.2
 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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
85°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	5.0	6.2	7.4
80°	0.0	0.8	1.7	2.5	3.3	4.1	5.1	6.5	8.1	9.7	11.4
77.5°	0.0	1.0	2.1	3.1	4.1	5.4	7.2	9.1	11.1	13.2	15.5
75°	0.0	1.2	2.5	3.7	5.1	7.2	9.4	11.7	14.2	17.1	19.9
72.5°	0.0	1.4	2.9	4.3	6.5	9.0	11.5	14.3	17.7	21.0	24.3
70°	0.0	1.6	3.3	5.0	7.9	10.7	13.6	17.4	21.2	25.0	29.1
67.5°	0.0	1.8	3.7	6.0	9.3	12.5	16.3	20.4	24.6	29.3	33.8
65°	0.0	2.0	4.1	7.1	10.6	14.4	18.8	23.4	28.4	33.5	38.6
62.5°	0.0	2.2	4.4	8.0	11.9	16.5	21.4	26.5	32.1	37.7	43.6
60°	0.0	2.4	4.8	9.0	13.2	18.5	23.8	29.7	35.8	42.0	48.3
57.5°	0.0	2.6	5.4	10.0	14.8	20.5	26.4	32.8	39.3	46.0	53.1
55°	0.0	2.8	6.0	10.9	16.4	22.5	29.0	35.8	42.8	50.1	57.7
52.5°	0.0	2.9	6.6	11.8	17.9	24.4	31.5	38.7	46.1	54.1	62.3
50°	0.0	3.1	7.2	12.7	19.4	26.4	33.8	41.5	49.4	58.1	66.4
47.5°	0.0	3.2	7.8	13.6	20.8	28.2	36.1	44.2	52.8	61.9	70.4
45°	0.0	3.4	8.3	14.6	22.2	30.0	38.3	46.8	56.0	65.2	74.1
42.5°	0.0	3.5	8.8	15.6	23.5	31.7	40.4	49.4	59.1	68.4	77.6
40°	0.0	3.7	9.3	16.5	24.7	33.3	42.5	52.0	62.0	71.3	80.8
37.5°	0.0	3.8	9.8	17.3	25.9	34.8	44.4	54.4	64.5	74.1	83.9
35°	0.0	3.9	10.2	18.1	27.1	36.3	46.2	56.6	66.8	76.8	86.8
32.5°	0.0	4.0	10.6	18.9	28.1	37.7	47.9	58.6	69.0	79.3	89.6
30°	0.0	4.2	11.0	19.6	29.1	39.0	49.6	60.5	71.1	81.7	92.2
27.5°	0.0	4.3	11.4	20.2	30.0	40.2	51.1	62.1	73.0	83.8	94.6
25°	0.0	4.4	11.7	20.7	30.8	41.3	52.4	63.6	74.7	85.8	96.8
22.5°	0.0	4.4	12.0	21.2	31.6	42.3	53.6	65.0	76.3	87.5	99.0
20°	0.0	4.5	12.3	21.7	32.3	43.2	54.7	66.2	77.6	89.1	101.0
17.5°	0.0	4.6	12.5	22.0	32.9	44.0	55.6	67.2	78.8	90.5	102.7
15°	0.0	4.6	12.7	22.3	33.4	44.6	56.5	68.2	79.9	91.6	104.1
12.5°	0.0	4.7	12.9	22.6	33.9	45.1	57.3	69.0	80.8	92.5	105.3
10°	0.0	4.7	13.0	22.8	34.3	45.5	57.9	69.8	81.7	93.7	106.4
7.5°	0.0	4.8	13.2	22.9	34.6	45.7	58.4	70.4	82.3	94.6	107.6
5°	0.0	4.8	13.2	22.9	34.8	45.9	58.8	70.8	82.8	95.4	108.6
2.5°	0.0	4.8	13.3	23.0	35.0	45.9	59.0	71.0	83.1	96.0	109.3
0°	0.0	4.8	13.3	22.9	35.0	45.8	59.1	71.1	83.2	96.4	109.7
-2.5°	0.0	4.8	13.3	23.0	35.0	45.9	59.0	71.0	83.1	96.0	109.3
-5°	0.0	4.8	13.2	22.9	34.8	45.9	58.8	70.8	82.8	95.4	108.6
-7.5°	0.0	4.8	13.2	22.9	34.6	45.7	58.4	70.4	82.3	94.6	107.6
-10°	0.0	4.7	13.0	22.8	34.3	45.5	57.9	69.8	81.7	93.7	106.4
-12.5°	0.0	4.7	12.9	22.6	33.9	45.1	57.3	69.0	80.8	92.5	105.3
-15°	0.0	4.6	12.7	22.3	33.4	44.6	56.5	68.2	79.9	91.6	104.1
-17.5°	0.0	4.6	12.5	22.0	32.9	44.0	55.6	67.2	78.8	90.5	102.7
-20°	0.0	4.5	12.3	21.7	32.3	43.2	54.7	66.2	77.6	89.1	101.0

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CATALOG NUMBER: GFLD-SA1E-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	4.4	12.0	21.2	31.6	42.3	53.6	65.0	76.3	87.5	99.0
-25°	0.0	4.4	11.7	20.7	30.8	41.3	52.4	63.6	74.7	85.8	96.8
-27.5°	0.0	4.3	11.4	20.2	30.0	40.2	51.1	62.1	73.0	83.8	94.6
-30°	0.0	4.2	11.0	19.6	29.1	39.0	49.6	60.5	71.1	81.7	92.2
-32.5°	0.0	4.0	10.6	18.9	28.1	37.7	47.9	58.6	69.0	79.3	89.6
-35°	0.0	3.9	10.2	18.1	27.1	36.3	46.2	56.6	66.8	76.8	86.8
-37.5°	0.0	3.8	9.8	17.3	25.9	34.8	44.4	54.4	64.5	74.1	83.9
-40°	0.0	3.7	9.3	16.5	24.7	33.3	42.5	52.0	62.0	71.3	80.8
-42.5°	0.0	3.5	8.8	15.6	23.5	31.7	40.4	49.4	59.1	68.4	77.6
-45°	0.0	3.4	8.3	14.6	22.2	30.0	38.3	46.8	56.0	65.2	74.1
-47.5°	0.0	3.2	7.8	13.6	20.8	28.2	36.1	44.2	52.8	61.9	70.4
-50°	0.0	3.1	7.2	12.7	19.4	26.4	33.8	41.5	49.4	58.1	66.4
-52.5°	0.0	2.9	6.6	11.8	17.9	24.4	31.5	38.7	46.1	54.1	62.3
-55°	0.0	2.8	6.0	10.9	16.4	22.5	29.0	35.8	42.8	50.1	57.7
-57.5°	0.0	2.6	5.4	10.0	14.8	20.5	26.4	32.8	39.3	46.0	53.1
-60°	0.0	2.4	4.8	9.0	13.2	18.5	23.8	29.7	35.8	42.0	48.3
-62.5°	0.0	2.2	4.4	8.0	11.9	16.5	21.4	26.5	32.1	37.7	43.6
-65°	0.0	2.0	4.1	7.1	10.6	14.4	18.8	23.4	28.4	33.5	38.6
-67.5°	0.0	1.8	3.7	6.0	9.3	12.5	16.3	20.4	24.6	29.3	33.8
-70°	0.0	1.6	3.3	5.0	7.9	10.7	13.6	17.4	21.2	25.0	29.1
-72.5°	0.0	1.4	2.9	4.3	6.5	9.0	11.5	14.3	17.7	21.0	24.3
-75°	0.0	1.2	2.5	3.7	5.1	7.2	9.4	11.7	14.2	17.1	19.9
-77.5°	0.0	1.0	2.1	3.1	4.1	5.4	7.2	9.1	11.1	13.2	15.5
-80°	0.0	0.8	1.7	2.5	3.3	4.1	5.1	6.5	8.1	9.7	11.4
-82.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	5.0	6.2	7.4
-85°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8
85°	4.4	4.8	5.5	6.2	6.9	7.6	8.2	8.8	9.4	10.0	10.5
82.5°	8.5	9.6	10.7	11.8	12.8	13.8	14.7	15.6	16.5	17.3	18.1
80°	12.9	14.4	15.9	17.3	18.6	19.9	21.2	22.4	23.5	24.8	26.1
77.5°	17.6	19.5	21.2	22.8	24.4	26.5	28.5	30.4	32.2	34.0	35.7
75°	22.4	24.5	26.9	29.2	31.7	34.2	36.5	38.8	41.1	43.4	45.7
72.5°	27.5	30.4	33.2	36.0	39.1	42.0	44.8	47.3	50.1	53.2	56.1
70°	32.9	36.2	39.8	43.3	46.8	50.1	53.5	57.0	60.4	63.8	67.0
67.5°	38.3	42.5	46.6	50.6	54.5	58.6	62.6	66.7	70.7	74.5	78.2
65°	44.0	48.7	53.3	57.8	62.2	67.1	71.9	76.5	81.5	86.2	90.3
62.5°	49.6	54.9	60.0	65.1	70.4	75.8	81.3	87.1	93.1	97.5	101.2
60°	54.9	60.9	66.6	72.4	78.4	84.5	90.8	97.0	102.5	107.3	111.2
57.5°	60.2	66.9	73.2	79.5	86.0	92.9	100.0	106.3	111.4	116.0	120.3
55°	65.3	72.7	79.4	86.2	93.5	101.7	108.9	114.5	119.8	123.5	127.7
52.5°	70.1	78.0	85.1	92.7	101.1	109.5	116.6	122.2	126.6	130.5	134.5
50°	74.7	82.7	90.6	99.2	108.1	116.5	123.7	128.8	133.3	137.3	141.2
47.5°	78.9	87.3	96.1	105.3	114.6	122.9	129.9	135.0	139.6	143.8	148.1
45°	82.9	91.8	101.2	111.3	120.8	129.1	135.4	140.9	145.4	150.1	155.4
42.5°	86.7	96.2	106.4	117.1	126.9	134.4	140.5	145.9	151.0	156.6	162.6
40°	90.4	100.3	111.3	122.6	132.5	139.1	145.2	150.9	156.7	163.2	169.7
37.5°	93.9	104.5	116.0	127.7	136.7	143.5	149.9	156.2	162.7	169.7	177.7
35°	97.1	108.4	120.4	131.8	140.3	147.8	154.6	161.4	168.8	177.2	186.1
32.5°	100.1	111.9	124.5	135.2	143.7	151.7	159.1	166.9	175.4	184.6	194.8
30°	103.2	115.4	128.1	138.6	146.7	154.8	163.6	172.3	181.6	191.9	203.9
27.5°	106.2	118.6	131.1	141.4	149.4	157.6	167.0	177.5	187.7	199.1	212.9
25°	108.9	121.9	134.1	143.5	151.6	160.2	170.1	181.3	193.3	206.7	223.7
22.5°	111.5	124.8	136.9	145.4	153.5	162.5	173.1	185.0	198.0	213.6	234.3
20°	113.9	127.1	138.8	147.1	155.0	164.4	175.8	188.2	203.1	222.0	246.8
17.5°	115.9	129.1	140.1	148.5	156.7	166.3	178.0	191.0	207.8	229.5	258.8
15°	117.7	130.7	141.2	149.5	158.0	168.3	180.3	194.4	212.8	236.7	269.1
12.5°	119.2	131.9	142.1	150.3	159.1	169.7	182.3	197.8	217.9	244.7	283.0
10°	120.3	132.8	142.8	150.8	159.9	170.7	183.8	200.4	222.0	251.3	295.0
7.5°	121.5	133.6	143.4	151.0	160.3	171.2	184.9	202.2	225.0	256.3	304.5
5°	122.3	134.4	143.7	151.4	160.6	171.4	185.6	203.3	226.9	259.6	311.2
2.5°	122.7	134.8	143.7	151.8	160.6	171.5	186.5	203.9	228.9	262.4	315.1
0°	122.9	135.0	143.4	151.9	160.3	171.2	186.8	203.7	230.2	264.0	315.8
-2.5°	122.7	134.8	143.7	151.8	160.6	171.5	186.5	203.9	228.9	262.4	315.1
-5°	122.3	134.4	143.7	151.4	160.6	171.4	185.6	203.3	226.9	259.6	311.2
-7.5°	121.5	133.6	143.4	151.0	160.3	171.2	184.9	202.2	225.0	256.3	304.5
-10°	120.3	132.8	142.8	150.8	159.9	170.7	183.8	200.4	222.0	251.3	295.0
-12.5°	119.2	131.9	142.1	150.3	159.1	169.7	182.3	197.8	217.9	244.7	283.0
-15°	117.7	130.7	141.2	149.5	158.0	168.3	180.3	194.4	212.8	236.7	269.1
-17.5°	115.9	129.1	140.1	148.5	156.7	166.3	178.0	191.0	207.8	229.5	258.8
-20°	113.9	127.1	138.8	147.1	155.0	164.4	175.8	188.2	203.1	222.0	246.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	111.5	124.8	136.9	145.4	153.5	162.5	173.1	185.0	198.0	213.6	234.3
-25°	108.9	121.9	134.1	143.5	151.6	160.2	170.1	181.3	193.3	206.7	223.7
-27.5°	106.2	118.6	131.1	141.4	149.4	157.6	167.0	177.5	187.7	199.1	212.9
-30°	103.2	115.4	128.1	138.6	146.7	154.8	163.6	172.3	181.6	191.9	203.9
-32.5°	100.1	111.9	124.5	135.2	143.7	151.7	159.1	166.9	175.4	184.6	194.8
-35°	97.1	108.4	120.4	131.8	140.3	147.8	154.6	161.4	168.8	177.2	186.1
-37.5°	93.9	104.5	116.0	127.7	136.7	143.5	149.9	156.2	162.7	169.7	177.7
-40°	90.4	100.3	111.3	122.6	132.5	139.1	145.2	150.9	156.7	163.2	169.7
-42.5°	86.7	96.2	106.4	117.1	126.9	134.4	140.5	145.9	151.0	156.6	162.6
-45°	82.9	91.8	101.2	111.3	120.8	129.1	135.4	140.9	145.4	150.1	155.4
-47.5°	78.9	87.3	96.1	105.3	114.6	122.9	129.9	135.0	139.6	143.8	148.1
-50°	74.7	82.7	90.6	99.2	108.1	116.5	123.7	128.8	133.3	137.3	141.2
-52.5°	70.1	78.0	85.1	92.7	101.1	109.5	116.6	122.2	126.6	130.5	134.5
-55°	65.3	72.7	79.4	86.2	93.5	101.7	108.9	114.5	119.8	123.5	127.7
-57.5°	60.2	66.9	73.2	79.5	86.0	92.9	100.0	106.3	111.4	116.0	120.3
-60°	54.9	60.9	66.6	72.4	78.4	84.5	90.8	97.0	102.5	107.3	111.2
-62.5°	49.6	54.9	60.0	65.1	70.4	75.8	81.3	87.1	93.1	97.5	101.2
-65°	44.0	48.7	53.3	57.8	62.2	67.1	71.9	76.5	81.5	86.2	90.3
-67.5°	38.3	42.5	46.6	50.6	54.5	58.6	62.6	66.7	70.7	74.5	78.2
-70°	32.9	36.2	39.8	43.3	46.8	50.1	53.5	57.0	60.4	63.8	67.0
-72.5°	27.5	30.4	33.2	36.0	39.1	42.0	44.8	47.3	50.1	53.2	56.1
-75°	22.4	24.5	26.9	29.2	31.7	34.2	36.5	38.8	41.1	43.4	45.7
-77.5°	17.6	19.5	21.2	22.8	24.4	26.5	28.5	30.4	32.2	34.0	35.7
-80°	12.9	14.4	15.9	17.3	18.6	19.9	21.2	22.4	23.5	24.8	26.1
-82.5°	8.5	9.6	10.7	11.8	12.8	13.8	14.7	15.6	16.5	17.3	18.1
-85°	4.4	4.8	5.5	6.2	6.9	7.6	8.2	8.8	9.4	10.0	10.5
-87.5°	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	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: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	3.9	4.0	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7
85°	11.0	11.5	11.9	12.3	12.7	12.8	12.8	12.8	12.7	12.9	13.0
82.5°	18.9	19.7	20.6	21.4	22.2	22.5	22.8	22.9	23.0	23.3	23.6
80°	27.4	28.7	30.0	31.1	32.1	32.8	33.4	34.0	34.5	34.8	34.9
77.5°	37.3	38.9	40.4	41.8	43.1	44.2	45.0	45.6	46.2	46.5	46.7
75°	47.9	50.0	51.8	53.5	55.1	56.2	56.9	57.5	57.9	58.3	58.6
72.5°	58.7	61.1	63.2	65.3	67.0	68.3	69.2	69.9	70.4	70.8	71.0
70°	70.0	72.8	75.2	77.2	78.8	80.1	81.0	81.8	82.4	82.8	83.0
67.5°	81.7	84.7	87.0	88.8	90.2	91.5	92.7	93.5	94.1	94.7	95.3
65°	93.7	96.7	99.0	100.9	102.4	104.1	105.6	106.7	107.5	108.2	108.9
62.5°	104.9	108.4	111.0	113.5	116.0	118.4	119.8	120.8	121.6	122.3	123.1
60°	115.1	119.0	122.3	125.3	128.4	131.5	132.7	133.7	134.6	135.5	136.3
57.5°	124.2	128.3	132.3	135.3	138.2	141.0	143.0	144.1	144.9	145.3	145.6
55°	132.1	136.2	140.1	143.6	146.8	149.7	152.0	153.0	153.8	154.3	154.6
52.5°	139.1	143.6	147.8	151.6	155.0	158.2	161.0	162.4	163.6	164.5	164.7
50°	146.1	150.9	155.4	159.5	163.5	167.3	170.9	172.9	174.3	175.2	175.5
47.5°	153.3	158.5	163.5	168.2	172.7	177.3	181.4	184.2	186.3	187.8	188.9
45°	160.9	166.5	171.9	177.5	182.7	188.5	193.8	197.9	200.9	203.5	205.5
42.5°	168.5	174.8	181.0	188.2	195.3	202.0	208.3	213.6	218.5	223.3	227.0
40°	176.7	183.6	192.2	200.7	209.5	217.2	226.4	234.6	242.1	250.2	256.9
37.5°	185.7	194.6	204.8	214.9	226.4	237.5	250.3	262.9	273.8	288.1	299.5
35°	195.6	206.8	218.8	232.4	247.2	264.6	282.5	303.5	321.3	344.0	364.9
32.5°	206.5	219.7	235.3	254.0	273.9	301.9	328.2	363.8	394.2	433.5	476.4
30°	217.7	234.7	255.8	280.1	313.8	353.5	399.8	460.0	525.1	592.5	683.3
27.5°	230.9	252.9	279.3	316.8	367.3	422.2	516.5	618.3	760.2	872.5	1072.5
25°	245.1	272.4	311.5	365.8	435.4	546.6	705.8	890.1	1174.0	1426.5	1716.6
22.5°	261.9	299.0	350.8	421.9	543.3	734.6	983.1	1361.6	1782.4	2197.8	2577.4
20°	279.7	324.6	396.9	512.7	700.4	977.1	1420.4	1961.3	2519.9	3089.2	3568.8
17.5°	300.5	361.4	456.7	610.5	878.3	1352.0	1944.2	2632.0	3361.8	4088.1	4719.0
15°	318.4	393.7	521.9	752.4	1151.7	1744.3	2472.0	3340.7	4258.4	5201.0	6222.6
12.5°	341.2	432.6	589.2	869.6	1394.3	2164.4	3054.9	4063.4	5184.1	6435.6	8028.3
10°	362.1	473.3	677.6	1057.5	1685.8	2556.9	3558.4	4702.6	6156.3	8037.0	9958.1
7.5°	378.9	505.7	746.2	1204.1	1930.3	2892.2	4011.7	5383.6	7197.2	9436.7	11631.7
5°	390.6	528.0	795.3	1314.9	2127.0	3148.5	4333.5	5885.6	8074.6	10582.4	12823.6
2.5°	397.9	540.3	819.3	1380.6	2255.3	3302.7	4534.2	6204.7	8612.3	11311.8	13580.9
0°	401.4	542.4	804.0	1412.7	2273.3	3291.8	4552.6	6311.2	8739.9	11509.8	13769.8
-2.5°	397.9	540.3	819.3	1380.6	2255.3	3302.7	4534.2	6204.7	8612.3	11311.8	13580.9
-5°	390.6	528.0	795.3	1314.9	2127.0	3148.5	4333.5	5885.6	8074.6	10582.4	12823.6
-7.5°	378.9	505.7	746.2	1204.1	1930.3	2892.2	4011.7	5383.6	7197.2	9436.7	11631.7
-10°	362.1	473.3	677.6	1057.5	1685.8	2556.9	3558.4	4702.6	6156.3	8037.0	9958.1
-12.5°	341.2	432.6	589.2	869.6	1394.3	2164.4	3054.9	4063.4	5184.1	6435.6	8028.3
-15°	318.4	393.7	521.9	752.4	1151.7	1744.3	2472.0	3340.7	4258.4	5201.0	6222.6
-17.5°	300.5	361.4	456.7	610.5	878.3	1352.0	1944.2	2632.0	3361.8	4088.1	4719.0
-20°	279.7	324.6	396.9	512.7	700.4	977.1	1420.4	1961.3	2519.9	3089.2	3568.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	261.9	299.0	350.8	421.9	543.3	734.6	983.1	1361.6	1782.4	2197.8	2577.4
-25°	245.1	272.4	311.5	365.8	435.4	546.6	705.8	890.1	1174.0	1426.5	1716.6
-27.5°	230.9	252.9	279.3	316.8	367.3	422.2	516.5	618.3	760.2	872.5	1072.5
-30°	217.7	234.7	255.8	280.1	313.8	353.5	399.8	460.0	525.1	592.5	683.3
-32.5°	206.5	219.7	235.3	254.0	273.9	301.9	328.2	363.8	394.2	433.5	476.4
-35°	195.6	206.8	218.8	232.4	247.2	264.6	282.5	303.5	321.3	344.0	364.9
-37.5°	185.7	194.6	204.8	214.9	226.4	237.5	250.3	262.9	273.8	288.1	299.5
-40°	176.7	183.6	192.2	200.7	209.5	217.2	226.4	234.6	242.1	250.2	256.9
-42.5°	168.5	174.8	181.0	188.2	195.3	202.0	208.3	213.6	218.5	223.3	227.0
-45°	160.9	166.5	171.9	177.5	182.7	188.5	193.8	197.9	200.9	203.5	205.5
-47.5°	153.3	158.5	163.5	168.2	172.7	177.3	181.4	184.2	186.3	187.8	188.9
-50°	146.1	150.9	155.4	159.5	163.5	167.3	170.9	172.9	174.3	175.2	175.5
-52.5°	139.1	143.6	147.8	151.6	155.0	158.2	161.0	162.4	163.6	164.5	164.7
-55°	132.1	136.2	140.1	143.6	146.8	149.7	152.0	153.0	153.8	154.3	154.6
-57.5°	124.2	128.3	132.3	135.3	138.2	141.0	143.0	144.1	144.9	145.3	145.6
-60°	115.1	119.0	122.3	125.3	128.4	131.5	132.7	133.7	134.6	135.5	136.3
-62.5°	104.9	108.4	111.0	113.5	116.0	118.4	119.8	120.8	121.6	122.3	123.1
-65°	93.7	96.7	99.0	100.9	102.4	104.1	105.6	106.7	107.5	108.2	108.9
-67.5°	81.7	84.7	87.0	88.8	90.2	91.5	92.7	93.5	94.1	94.7	95.3
-70°	70.0	72.8	75.2	77.2	78.8	80.1	81.0	81.8	82.4	82.8	83.0
-72.5°	58.7	61.1	63.2	65.3	67.0	68.3	69.2	69.9	70.4	70.8	71.0
-75°	47.9	50.0	51.8	53.5	55.1	56.2	56.9	57.5	57.9	58.3	58.6
-77.5°	37.3	38.9	40.4	41.8	43.1	44.2	45.0	45.6	46.2	46.5	46.7
-80°	27.4	28.7	30.0	31.1	32.1	32.8	33.4	34.0	34.5	34.8	34.9
-82.5°	18.9	19.7	20.6	21.4	22.2	22.5	22.8	22.9	23.0	23.3	23.6
-85°	11.0	11.5	11.9	12.3	12.7	12.8	12.8	12.8	12.7	12.9	13.0
-87.5°	3.9	4.0	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7
-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: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.6	4.6
85°	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.0	12.9	12.7	12.8
82.5°	23.8	24.0	24.1	24.1	24.1	24.0	23.8	23.6	23.3	23.0	22.9
80°	34.9	34.8	35.0	35.0	35.0	34.8	34.9	34.9	34.8	34.5	34.0
77.5°	46.8	46.8	46.9	47.0	46.9	46.8	46.8	46.7	46.5	46.2	45.6
75°	58.8	58.8	59.0	59.1	59.0	58.8	58.8	58.6	58.3	57.9	57.5
72.5°	71.0	70.8	71.0	71.1	71.0	70.8	71.0	71.0	70.8	70.4	69.9
70°	83.1	82.9	83.7	84.4	83.7	82.9	83.1	83.0	82.8	82.4	81.8
67.5°	95.7	96.0	96.8	97.6	96.8	96.0	95.7	95.3	94.7	94.1	93.5
65°	109.2	109.3	110.1	110.9	110.1	109.3	109.2	108.9	108.2	107.5	106.7
62.5°	123.5	123.7	124.6	125.4	124.6	123.7	123.5	123.1	122.3	121.6	120.8
60°	136.8	136.9	137.2	137.4	137.2	136.9	136.8	136.3	135.5	134.6	133.7
57.5°	145.7	145.6	145.7	145.8	145.7	145.6	145.7	145.6	145.3	144.9	144.1
55°	154.6	154.2	153.7	153.1	153.7	154.2	154.6	154.6	154.3	153.8	153.0
52.5°	164.5	163.9	163.3	162.7	163.3	163.9	164.5	164.7	164.5	163.6	162.4
50°	175.3	174.7	174.2	173.6	174.2	174.7	175.3	175.5	175.2	174.3	172.9
47.5°	189.6	189.8	189.7	189.2	189.7	189.8	189.6	188.9	187.8	186.3	184.2
45°	207.0	207.7	207.8	207.3	207.8	207.7	207.0	205.5	203.5	200.9	197.9
42.5°	229.6	231.2	232.0	232.6	232.0	231.2	229.6	227.0	223.3	218.5	213.6
40°	261.8	265.0	267.0	268.8	267.0	265.0	261.8	256.9	250.2	242.1	234.6
37.5°	308.0	313.6	316.1	314.6	316.1	313.6	308.0	299.5	288.1	273.8	262.9
35°	381.0	391.7	397.3	397.8	397.3	391.7	381.0	364.9	344.0	321.3	303.5
32.5°	508.2	530.1	541.9	543.6	541.9	530.1	508.2	476.4	433.5	394.2	363.8
30°	752.7	797.6	818.6	813.6	818.6	797.6	752.7	683.3	592.5	525.1	460.0
27.5°	1228.0	1339.9	1406.1	1411.5	1406.1	1339.9	1228.0	1072.5	872.5	760.2	618.3
25°	1973.7	2164.6	2286.9	2288.9	2286.9	2164.6	1973.7	1716.6	1426.5	1174.0	890.1
22.5°	2928.4	3189.1	3332.0	3356.9	3332.0	3189.1	2928.4	2577.4	2197.8	1782.4	1361.6
20°	4034.4	4381.2	4566.8	4567.0	4566.8	4381.2	4034.4	3568.8	3089.2	2519.9	1961.3
17.5°	5396.6	5959.7	6313.3	6465.4	6313.3	5959.7	5396.6	4719.0	4088.1	3361.8	2632.0
15°	7206.3	8152.6	8719.7	8821.9	8719.7	8152.6	7206.3	6222.6	5201.0	4258.4	3340.7
12.5°	9409.8	10607.4	11412.4	11707.5	11412.4	10607.4	9409.8	8028.3	6435.6	5184.1	4063.4
10°	11710.3	12820.0	13682.5	13972.3	13682.5	12820.0	11710.3	9958.1	8037.0	6156.3	4702.6
7.5°	13372.4	14695.6	15667.1	16093.7	15667.1	14695.6	13372.4	11631.7	9436.7	7197.2	5383.6
5°	14684.4	16250.1	17154.4	17555.8	17154.4	16250.1	14684.4	12823.6	10582.4	8074.6	5885.6
2.5°	15545.2	17092.3	18049.9	18420.0	18049.9	17092.3	15545.2	13580.9	11311.8	8612.3	6204.7
0°	15867.1	17379.8	18326.0	18778.0	18326.0	17379.8	15867.1	13769.8	11509.8	8739.9	6311.2
-2.5°	15545.2	17092.3	18049.9	18420.0	18049.9	17092.3	15545.2	13580.9	11311.8	8612.3	6204.7
-5°	14684.4	16250.1	17154.4	17555.8	17154.4	16250.1	14684.4	12823.6	10582.4	8074.6	5885.6
-7.5°	13372.4	14695.6	15667.1	16093.7	15667.1	14695.6	13372.4	11631.7	9436.7	7197.2	5383.6
-10°	11710.3	12820.0	13682.5	13972.3	13682.5	12820.0	11710.3	9958.1	8037.0	6156.3	4702.6
-12.5°	9409.8	10607.4	11412.4	11707.5	11412.4	10607.4	9409.8	8028.3	6435.6	5184.1	4063.4
-15°	7206.3	8152.6	8719.7	8821.9	8719.7	8152.6	7206.3	6222.6	5201.0	4258.4	3340.7
-17.5°	5396.6	5959.7	6313.3	6465.4	6313.3	5959.7	5396.6	4719.0	4088.1	3361.8	2632.0
-20°	4034.4	4381.2	4566.8	4567.0	4566.8	4381.2	4034.4	3568.8	3089.2	2519.9	1961.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	2928.4	3189.1	3332.0	3356.9	3332.0	3189.1	2928.4	2577.4	2197.8	1782.4	1361.6
-25°	1973.7	2164.6	2286.9	2288.9	2286.9	2164.6	1973.7	1716.6	1426.5	1174.0	890.1
-27.5°	1228.0	1339.9	1406.1	1411.5	1406.1	1339.9	1228.0	1072.5	872.5	760.2	618.3
-30°	752.7	797.6	818.6	813.6	818.6	797.6	752.7	683.3	592.5	525.1	460.0
-32.5°	508.2	530.1	541.9	543.6	541.9	530.1	508.2	476.4	433.5	394.2	363.8
-35°	381.0	391.7	397.3	397.8	397.3	391.7	381.0	364.9	344.0	321.3	303.5
-37.5°	308.0	313.6	316.1	314.6	316.1	313.6	308.0	299.5	288.1	273.8	262.9
-40°	261.8	265.0	267.0	268.8	267.0	265.0	261.8	256.9	250.2	242.1	234.6
-42.5°	229.6	231.2	232.0	232.6	232.0	231.2	229.6	227.0	223.3	218.5	213.6
-45°	207.0	207.7	207.8	207.3	207.8	207.7	207.0	205.5	203.5	200.9	197.9
-47.5°	189.6	189.8	189.7	189.2	189.7	189.8	189.6	188.9	187.8	186.3	184.2
-50°	175.3	174.7	174.2	173.6	174.2	174.7	175.3	175.5	175.2	174.3	172.9
-52.5°	164.5	163.9	163.3	162.7	163.3	163.9	164.5	164.7	164.5	163.6	162.4
-55°	154.6	154.2	153.7	153.1	153.7	154.2	154.6	154.6	154.3	153.8	153.0
-57.5°	145.7	145.6	145.7	145.8	145.7	145.6	145.7	145.6	145.3	144.9	144.1
-60°	136.8	136.9	137.2	137.4	137.2	136.9	136.8	136.3	135.5	134.6	133.7
-62.5°	123.5	123.7	124.6	125.4	124.6	123.7	123.5	123.1	122.3	121.6	120.8
-65°	109.2	109.3	110.1	110.9	110.1	109.3	109.2	108.9	108.2	107.5	106.7
-67.5°	95.7	96.0	96.8	97.6	96.8	96.0	95.7	95.3	94.7	94.1	93.5
-70°	83.1	82.9	83.7	84.4	83.7	82.9	83.1	83.0	82.8	82.4	81.8
-72.5°	71.0	70.8	71.0	71.1	71.0	70.8	71.0	71.0	70.8	70.4	69.9
-75°	58.8	58.8	59.0	59.1	59.0	58.8	58.8	58.6	58.3	57.9	57.5
-77.5°	46.8	46.8	46.9	47.0	46.9	46.8	46.8	46.7	46.5	46.2	45.6
-80°	34.9	34.8	35.0	35.0	35.0	34.8	34.9	34.9	34.8	34.5	34.0
-82.5°	23.8	24.0	24.1	24.1	24.1	24.0	23.8	23.6	23.3	23.0	22.9
-85°	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.0	12.9	12.7	12.8
-87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.6	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	4.5	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
85°	12.8	12.8	12.7	12.3	11.9	11.5	11.0	10.5	10.0	9.4	8.8
82.5°	22.8	22.5	22.2	21.4	20.6	19.7	18.9	18.1	17.3	16.5	15.6
80°	33.4	32.8	32.1	31.1	30.0	28.7	27.4	26.1	24.8	23.5	22.4
77.5°	45.0	44.2	43.1	41.8	40.4	38.9	37.3	35.7	34.0	32.2	30.4
75°	56.9	56.2	55.1	53.5	51.8	50.0	47.9	45.7	43.4	41.1	38.8
72.5°	69.2	68.3	67.0	65.3	63.2	61.1	58.7	56.1	53.2	50.1	47.3
70°	81.0	80.1	78.8	77.2	75.2	72.8	70.0	67.0	63.8	60.4	57.0
67.5°	92.7	91.5	90.2	88.8	87.0	84.7	81.7	78.2	74.5	70.7	66.7
65°	105.6	104.1	102.4	100.9	99.0	96.7	93.7	90.3	86.2	81.5	76.5
62.5°	119.8	118.4	116.0	113.5	111.0	108.4	104.9	101.2	97.5	93.1	87.1
60°	132.7	131.5	128.4	125.3	122.3	119.0	115.1	111.2	107.3	102.5	97.0
57.5°	143.0	141.0	138.2	135.3	132.3	128.3	124.2	120.3	116.0	111.4	106.3
55°	152.0	149.7	146.8	143.6	140.1	136.2	132.1	127.7	123.5	119.8	114.5
52.5°	161.0	158.2	155.0	151.6	147.8	143.6	139.1	134.5	130.5	126.6	122.2
50°	170.9	167.3	163.5	159.5	155.4	150.9	146.1	141.2	137.3	133.3	128.8
47.5°	181.4	177.3	172.7	168.2	163.5	158.5	153.3	148.1	143.8	139.6	135.0
45°	193.8	188.5	182.7	177.5	171.9	166.5	160.9	155.4	150.1	145.4	140.9
42.5°	208.3	202.0	195.3	188.2	181.0	174.8	168.5	162.6	156.6	151.0	145.9
40°	226.4	217.2	209.5	200.7	192.2	183.6	176.7	169.7	163.2	156.7	150.9
37.5°	250.3	237.5	226.4	214.9	204.8	194.6	185.7	177.7	169.7	162.7	156.2
35°	282.5	264.6	247.2	232.4	218.8	206.8	195.6	186.1	177.2	168.8	161.4
32.5°	328.2	301.9	273.9	254.0	235.3	219.7	206.5	194.8	184.6	175.4	166.9
30°	399.8	353.5	313.8	280.1	255.8	234.7	217.7	203.9	191.9	181.6	172.3
27.5°	516.5	422.2	367.3	316.8	279.3	252.9	230.9	212.9	199.1	187.7	177.5
25°	705.8	546.6	435.4	365.8	311.5	272.4	245.1	223.7	206.7	193.3	181.3
22.5°	983.1	734.6	543.3	421.9	350.8	299.0	261.9	234.3	213.6	198.0	185.0
20°	1420.4	977.1	700.4	512.7	396.9	324.6	279.7	246.8	222.0	203.1	188.2
17.5°	1944.2	1352.0	878.3	610.5	456.7	361.4	300.5	258.8	229.5	207.8	191.0
15°	2472.0	1744.3	1151.7	752.4	521.9	393.7	318.4	269.1	236.7	212.8	194.4
12.5°	3054.9	2164.4	1394.3	869.6	589.2	432.6	341.2	283.0	244.7	217.9	197.8
10°	3558.4	2556.9	1685.8	1057.5	677.6	473.3	362.1	295.0	251.3	222.0	200.4
7.5°	4011.7	2892.2	1930.3	1204.1	746.2	505.7	378.9	304.5	256.3	225.0	202.2
5°	4333.5	3148.5	2127.0	1314.9	795.3	528.0	390.6	311.2	259.6	226.9	203.3
2.5°	4534.2	3302.7	2255.3	1380.6	819.3	540.3	397.9	315.1	262.4	228.9	203.9
0°	4552.6	3291.8	2273.3	1412.7	804.0	542.4	401.4	315.8	264.0	230.2	203.7
-2.5°	4534.2	3302.7	2255.3	1380.6	819.3	540.3	397.9	315.1	262.4	228.9	203.9
-5°	4333.5	3148.5	2127.0	1314.9	795.3	528.0	390.6	311.2	259.6	226.9	203.3
-7.5°	4011.7	2892.2	1930.3	1204.1	746.2	505.7	378.9	304.5	256.3	225.0	202.2
-10°	3558.4	2556.9	1685.8	1057.5	677.6	473.3	362.1	295.0	251.3	222.0	200.4
-12.5°	3054.9	2164.4	1394.3	869.6	589.2	432.6	341.2	283.0	244.7	217.9	197.8
-15°	2472.0	1744.3	1151.7	752.4	521.9	393.7	318.4	269.1	236.7	212.8	194.4
-17.5°	1944.2	1352.0	878.3	610.5	456.7	361.4	300.5	258.8	229.5	207.8	191.0
-20°	1420.4	977.1	700.4	512.7	396.9	324.6	279.7	246.8	222.0	203.1	188.2

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Scaled Data Report



REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	983.1	734.6	543.3	421.9	350.8	299.0	261.9	234.3	213.6	198.0	185.0
-25°	705.8	546.6	435.4	365.8	311.5	272.4	245.1	223.7	206.7	193.3	181.3
-27.5°	516.5	422.2	367.3	316.8	279.3	252.9	230.9	212.9	199.1	187.7	177.5
-30°	399.8	353.5	313.8	280.1	255.8	234.7	217.7	203.9	191.9	181.6	172.3
-32.5°	328.2	301.9	273.9	254.0	235.3	219.7	206.5	194.8	184.6	175.4	166.9
-35°	282.5	264.6	247.2	232.4	218.8	206.8	195.6	186.1	177.2	168.8	161.4
-37.5°	250.3	237.5	226.4	214.9	204.8	194.6	185.7	177.7	169.7	162.7	156.2
-40°	226.4	217.2	209.5	200.7	192.2	183.6	176.7	169.7	163.2	156.7	150.9
-42.5°	208.3	202.0	195.3	188.2	181.0	174.8	168.5	162.6	156.6	151.0	145.9
-45°	193.8	188.5	182.7	177.5	171.9	166.5	160.9	155.4	150.1	145.4	140.9
-47.5°	181.4	177.3	172.7	168.2	163.5	158.5	153.3	148.1	143.8	139.6	135.0
-50°	170.9	167.3	163.5	159.5	155.4	150.9	146.1	141.2	137.3	133.3	128.8
-52.5°	161.0	158.2	155.0	151.6	147.8	143.6	139.1	134.5	130.5	126.6	122.2
-55°	152.0	149.7	146.8	143.6	140.1	136.2	132.1	127.7	123.5	119.8	114.5
-57.5°	143.0	141.0	138.2	135.3	132.3	128.3	124.2	120.3	116.0	111.4	106.3
-60°	132.7	131.5	128.4	125.3	122.3	119.0	115.1	111.2	107.3	102.5	97.0
-62.5°	119.8	118.4	116.0	113.5	111.0	108.4	104.9	101.2	97.5	93.1	87.1
-65°	105.6	104.1	102.4	100.9	99.0	96.7	93.7	90.3	86.2	81.5	76.5
-67.5°	92.7	91.5	90.2	88.8	87.0	84.7	81.7	78.2	74.5	70.7	66.7
-70°	81.0	80.1	78.8	77.2	75.2	72.8	70.0	67.0	63.8	60.4	57.0
-72.5°	69.2	68.3	67.0	65.3	63.2	61.1	58.7	56.1	53.2	50.1	47.3
-75°	56.9	56.2	55.1	53.5	51.8	50.0	47.9	45.7	43.4	41.1	38.8
-77.5°	45.0	44.2	43.1	41.8	40.4	38.9	37.3	35.7	34.0	32.2	30.4
-80°	33.4	32.8	32.1	31.1	30.0	28.7	27.4	26.1	24.8	23.5	22.4
-82.5°	22.8	22.5	22.2	21.4	20.6	19.7	18.9	18.1	17.3	16.5	15.6
-85°	12.8	12.8	12.7	12.3	11.9	11.5	11.0	10.5	10.0	9.4	8.8
-87.5°	4.5	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
-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: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
85°	8.2	7.6	6.9	6.2	5.5	4.8	4.4	4.1	3.7	3.3	2.9
82.5°	14.7	13.8	12.8	11.8	10.7	9.6	8.5	7.4	6.2	5.0	4.3
80°	21.2	19.9	18.6	17.3	15.9	14.4	12.9	11.4	9.7	8.1	6.5
77.5°	28.5	26.5	24.4	22.8	21.2	19.5	17.6	15.5	13.2	11.1	9.1
75°	36.5	34.2	31.7	29.2	26.9	24.5	22.4	19.9	17.1	14.2	11.7
72.5°	44.8	42.0	39.1	36.0	33.2	30.4	27.5	24.3	21.0	17.7	14.3
70°	53.5	50.1	46.8	43.3	39.8	36.2	32.9	29.1	25.0	21.2	17.4
67.5°	62.6	58.6	54.5	50.6	46.6	42.5	38.3	33.8	29.3	24.6	20.4
65°	71.9	67.1	62.2	57.8	53.3	48.7	44.0	38.6	33.5	28.4	23.4
62.5°	81.3	75.8	70.4	65.1	60.0	54.9	49.6	43.6	37.7	32.1	26.5
60°	90.8	84.5	78.4	72.4	66.6	60.9	54.9	48.3	42.0	35.8	29.7
57.5°	100.0	92.9	86.0	79.5	73.2	66.9	60.2	53.1	46.0	39.3	32.8
55°	108.9	101.7	93.5	86.2	79.4	72.7	65.3	57.7	50.1	42.8	35.8
52.5°	116.6	109.5	101.1	92.7	85.1	78.0	70.1	62.3	54.1	46.1	38.7
50°	123.7	116.5	108.1	99.2	90.6	82.7	74.7	66.4	58.1	49.4	41.5
47.5°	129.9	122.9	114.6	105.3	96.1	87.3	78.9	70.4	61.9	52.8	44.2
45°	135.4	129.1	120.8	111.3	101.2	91.8	82.9	74.1	65.2	56.0	46.8
42.5°	140.5	134.4	126.9	117.1	106.4	96.2	86.7	77.6	68.4	59.1	49.4
40°	145.2	139.1	132.5	122.6	111.3	100.3	90.4	80.8	71.3	62.0	52.0
37.5°	149.9	143.5	136.7	127.7	116.0	104.5	93.9	83.9	74.1	64.5	54.4
35°	154.6	147.8	140.3	131.8	120.4	108.4	97.1	86.8	76.8	66.8	56.6
32.5°	159.1	151.7	143.7	135.2	124.5	111.9	100.1	89.6	79.3	69.0	58.6
30°	163.6	154.8	146.7	138.6	128.1	115.4	103.2	92.2	81.7	71.1	60.5
27.5°	167.0	157.6	149.4	141.4	131.1	118.6	106.2	94.6	83.8	73.0	62.1
25°	170.1	160.2	151.6	143.5	134.1	121.9	108.9	96.8	85.8	74.7	63.6
22.5°	173.1	162.5	153.5	145.4	136.9	124.8	111.5	99.0	87.5	76.3	65.0
20°	175.8	164.4	155.0	147.1	138.8	127.1	113.9	101.0	89.1	77.6	66.2
17.5°	178.0	166.3	156.7	148.5	140.1	129.1	115.9	102.7	90.5	78.8	67.2
15°	180.3	168.3	158.0	149.5	141.2	130.7	117.7	104.1	91.6	79.9	68.2
12.5°	182.3	169.7	159.1	150.3	142.1	131.9	119.2	105.3	92.5	80.8	69.0
10°	183.8	170.7	159.9	150.8	142.8	132.8	120.3	106.4	93.7	81.7	69.8
7.5°	184.9	171.2	160.3	151.0	143.4	133.6	121.5	107.6	94.6	82.3	70.4
5°	185.6	171.4	160.6	151.4	143.7	134.4	122.3	108.6	95.4	82.8	70.8
2.5°	186.5	171.5	160.6	151.8	143.7	134.8	122.7	109.3	96.0	83.1	71.0
0°	186.8	171.2	160.3	151.9	143.4	135.0	122.9	109.7	96.4	83.2	71.1
-2.5°	186.5	171.5	160.6	151.8	143.7	134.8	122.7	109.3	96.0	83.1	71.0
-5°	185.6	171.4	160.6	151.4	143.7	134.4	122.3	108.6	95.4	82.8	70.8
-7.5°	184.9	171.2	160.3	151.0	143.4	133.6	121.5	107.6	94.6	82.3	70.4
-10°	183.8	170.7	159.9	150.8	142.8	132.8	120.3	106.4	93.7	81.7	69.8
-12.5°	182.3	169.7	159.1	150.3	142.1	131.9	119.2	105.3	92.5	80.8	69.0
-15°	180.3	168.3	158.0	149.5	141.2	130.7	117.7	104.1	91.6	79.9	68.2
-17.5°	178.0	166.3	156.7	148.5	140.1	129.1	115.9	102.7	90.5	78.8	67.2
-20°	175.8	164.4	155.0	147.1	138.8	127.1	113.9	101.0	89.1	77.6	66.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	173.1	162.5	153.5	145.4	136.9	124.8	111.5	99.0	87.5	76.3	65.0
-25°	170.1	160.2	151.6	143.5	134.1	121.9	108.9	96.8	85.8	74.7	63.6
-27.5°	167.0	157.6	149.4	141.4	131.1	118.6	106.2	94.6	83.8	73.0	62.1
-30°	163.6	154.8	146.7	138.6	128.1	115.4	103.2	92.2	81.7	71.1	60.5
-32.5°	159.1	151.7	143.7	135.2	124.5	111.9	100.1	89.6	79.3	69.0	58.6
-35°	154.6	147.8	140.3	131.8	120.4	108.4	97.1	86.8	76.8	66.8	56.6
-37.5°	149.9	143.5	136.7	127.7	116.0	104.5	93.9	83.9	74.1	64.5	54.4
-40°	145.2	139.1	132.5	122.6	111.3	100.3	90.4	80.8	71.3	62.0	52.0
-42.5°	140.5	134.4	126.9	117.1	106.4	96.2	86.7	77.6	68.4	59.1	49.4
-45°	135.4	129.1	120.8	111.3	101.2	91.8	82.9	74.1	65.2	56.0	46.8
-47.5°	129.9	122.9	114.6	105.3	96.1	87.3	78.9	70.4	61.9	52.8	44.2
-50°	123.7	116.5	108.1	99.2	90.6	82.7	74.7	66.4	58.1	49.4	41.5
-52.5°	116.6	109.5	101.1	92.7	85.1	78.0	70.1	62.3	54.1	46.1	38.7
-55°	108.9	101.7	93.5	86.2	79.4	72.7	65.3	57.7	50.1	42.8	35.8
-57.5°	100.0	92.9	86.0	79.5	73.2	66.9	60.2	53.1	46.0	39.3	32.8
-60°	90.8	84.5	78.4	72.4	66.6	60.9	54.9	48.3	42.0	35.8	29.7
-62.5°	81.3	75.8	70.4	65.1	60.0	54.9	49.6	43.6	37.7	32.1	26.5
-65°	71.9	67.1	62.2	57.8	53.3	48.7	44.0	38.6	33.5	28.4	23.4
-67.5°	62.6	58.6	54.5	50.6	46.6	42.5	38.3	33.8	29.3	24.6	20.4
-70°	53.5	50.1	46.8	43.3	39.8	36.2	32.9	29.1	25.0	21.2	17.4
-72.5°	44.8	42.0	39.1	36.0	33.2	30.4	27.5	24.3	21.0	17.7	14.3
-75°	36.5	34.2	31.7	29.2	26.9	24.5	22.4	19.9	17.1	14.2	11.7
-77.5°	28.5	26.5	24.4	22.8	21.2	19.5	17.6	15.5	13.2	11.1	9.1
-80°	21.2	19.9	18.6	17.3	15.9	14.4	12.9	11.4	9.7	8.1	6.5
-82.5°	14.7	13.8	12.8	11.8	10.7	9.6	8.5	7.4	6.2	5.0	4.3
-85°	8.2	7.6	6.9	6.2	5.5	4.8	4.4	4.1	3.7	3.3	2.9
-87.5°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
82.5°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
80°	5.1	4.1	3.3	2.5	1.7	0.8	0.0
77.5°	7.2	5.4	4.1	3.1	2.1	1.0	0.0
75°	9.4	7.2	5.1	3.7	2.5	1.2	0.0
72.5°	11.5	9.0	6.5	4.3	2.9	1.4	0.0
70°	13.6	10.7	7.9	5.0	3.3	1.6	0.0
67.5°	16.3	12.5	9.3	6.0	3.7	1.8	0.0
65°	18.8	14.4	10.6	7.1	4.1	2.0	0.0
62.5°	21.4	16.5	11.9	8.0	4.4	2.2	0.0
60°	23.8	18.5	13.2	9.0	4.8	2.4	0.0
57.5°	26.4	20.5	14.8	10.0	5.4	2.6	0.0
55°	29.0	22.5	16.4	10.9	6.0	2.8	0.0
52.5°	31.5	24.4	17.9	11.8	6.6	2.9	0.0
50°	33.8	26.4	19.4	12.7	7.2	3.1	0.0
47.5°	36.1	28.2	20.8	13.6	7.8	3.2	0.0
45°	38.3	30.0	22.2	14.6	8.3	3.4	0.0
42.5°	40.4	31.7	23.5	15.6	8.8	3.5	0.0
40°	42.5	33.3	24.7	16.5	9.3	3.7	0.0
37.5°	44.4	34.8	25.9	17.3	9.8	3.8	0.0
35°	46.2	36.3	27.1	18.1	10.2	3.9	0.0
32.5°	47.9	37.7	28.1	18.9	10.6	4.0	0.0
30°	49.6	39.0	29.1	19.6	11.0	4.2	0.0
27.5°	51.1	40.2	30.0	20.2	11.4	4.3	0.0
25°	52.4	41.3	30.8	20.7	11.7	4.4	0.0
22.5°	53.6	42.3	31.6	21.2	12.0	4.4	0.0
20°	54.7	43.2	32.3	21.7	12.3	4.5	0.0
17.5°	55.6	44.0	32.9	22.0	12.5	4.6	0.0
15°	56.5	44.6	33.4	22.3	12.7	4.6	0.0
12.5°	57.3	45.1	33.9	22.6	12.9	4.7	0.0
10°	57.9	45.5	34.3	22.8	13.0	4.7	0.0
7.5°	58.4	45.7	34.6	22.9	13.2	4.8	0.0
5°	58.8	45.9	34.8	22.9	13.2	4.8	0.0
2.5°	59.0	45.9	35.0	23.0	13.3	4.8	0.0
0°	59.1	45.8	35.0	22.9	13.3	4.8	0.0
-2.5°	59.0	45.9	35.0	23.0	13.3	4.8	0.0
-5°	58.8	45.9	34.8	22.9	13.2	4.8	0.0
-7.5°	58.4	45.7	34.6	22.9	13.2	4.8	0.0
-10°	57.9	45.5	34.3	22.8	13.0	4.7	0.0
-12.5°	57.3	45.1	33.9	22.6	12.9	4.7	0.0
-15°	56.5	44.6	33.4	22.3	12.7	4.6	0.0
-17.5°	55.6	44.0	32.9	22.0	12.5	4.6	0.0
-20°	54.7	43.2	32.3	21.7	12.3	4.5	0.0

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CATALOG NUMBER: GFLD-SA1E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	53.6	42.3	31.6	21.2	12.0	4.4	0.0
-25°	52.4	41.3	30.8	20.7	11.7	4.4	0.0
-27.5°	51.1	40.2	30.0	20.2	11.4	4.3	0.0
-30°	49.6	39.0	29.1	19.6	11.0	4.2	0.0
-32.5°	47.9	37.7	28.1	18.9	10.6	4.0	0.0
-35°	46.2	36.3	27.1	18.1	10.2	3.9	0.0
-37.5°	44.4	34.8	25.9	17.3	9.8	3.8	0.0
-40°	42.5	33.3	24.7	16.5	9.3	3.7	0.0
-42.5°	40.4	31.7	23.5	15.6	8.8	3.5	0.0
-45°	38.3	30.0	22.2	14.6	8.3	3.4	0.0
-47.5°	36.1	28.2	20.8	13.6	7.8	3.2	0.0
-50°	33.8	26.4	19.4	12.7	7.2	3.1	0.0
-52.5°	31.5	24.4	17.9	11.8	6.6	2.9	0.0
-55°	29.0	22.5	16.4	10.9	6.0	2.8	0.0
-57.5°	26.4	20.5	14.8	10.0	5.4	2.6	0.0
-60°	23.8	18.5	13.2	9.0	4.8	2.4	0.0
-62.5°	21.4	16.5	11.9	8.0	4.4	2.2	0.0
-65°	18.8	14.4	10.6	7.1	4.1	2.0	0.0
-67.5°	16.3	12.5	9.3	6.0	3.7	1.8	0.0
-70°	13.6	10.7	7.9	5.0	3.3	1.6	0.0
-72.5°	11.5	9.0	6.5	4.3	2.9	1.4	0.0
-75°	9.4	7.2	5.1	3.7	2.5	1.2	0.0
-77.5°	7.2	5.4	4.1	3.1	2.1	1.0	0.0
-80°	5.1	4.1	3.3	2.5	1.7	0.8	0.0
-82.5°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)