

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: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-740-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N26  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

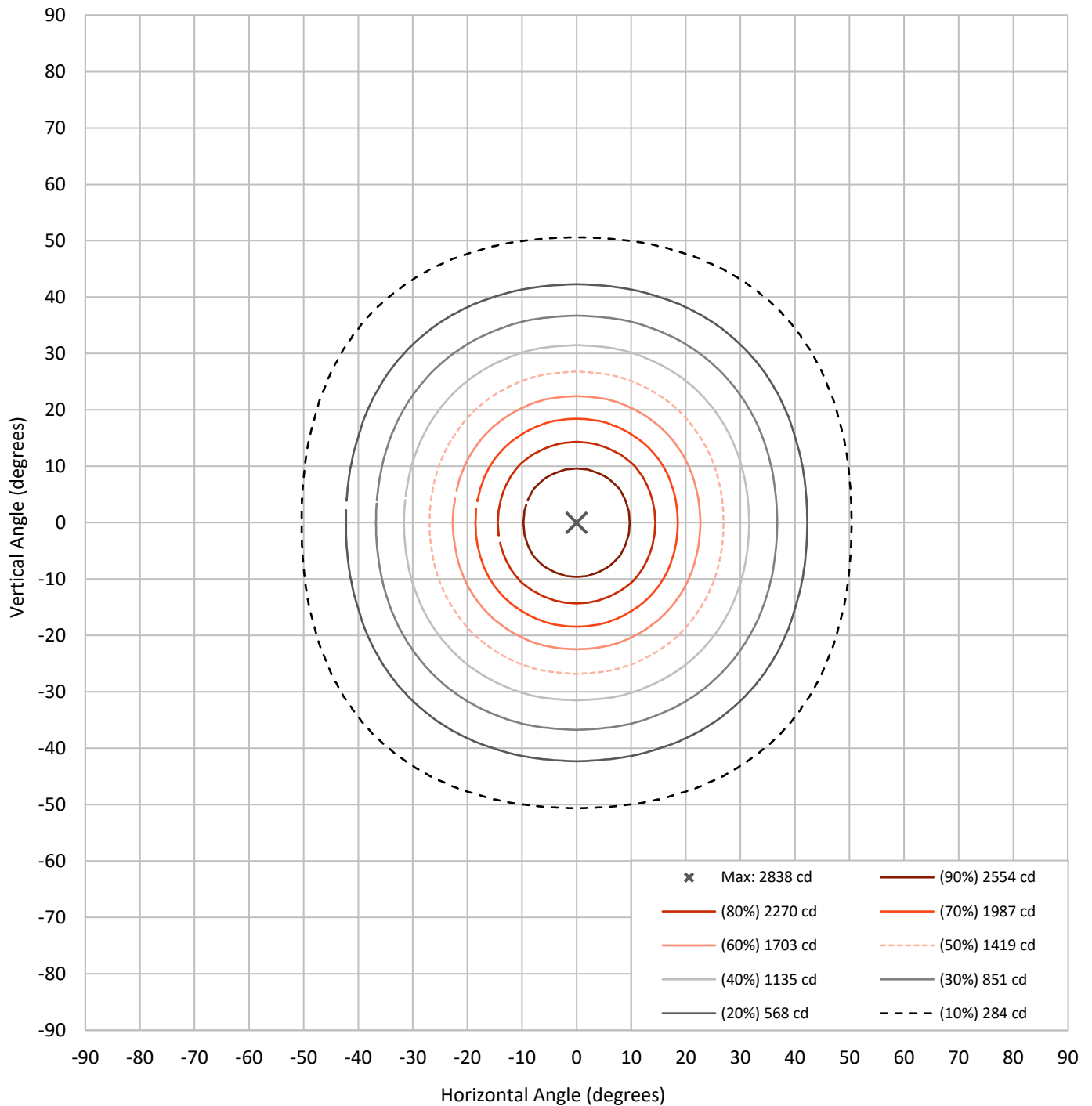
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2888.5 lumens	Max Intensity:	2838 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	159.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	1381.1 lumens	Field Lumens:	2549.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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		



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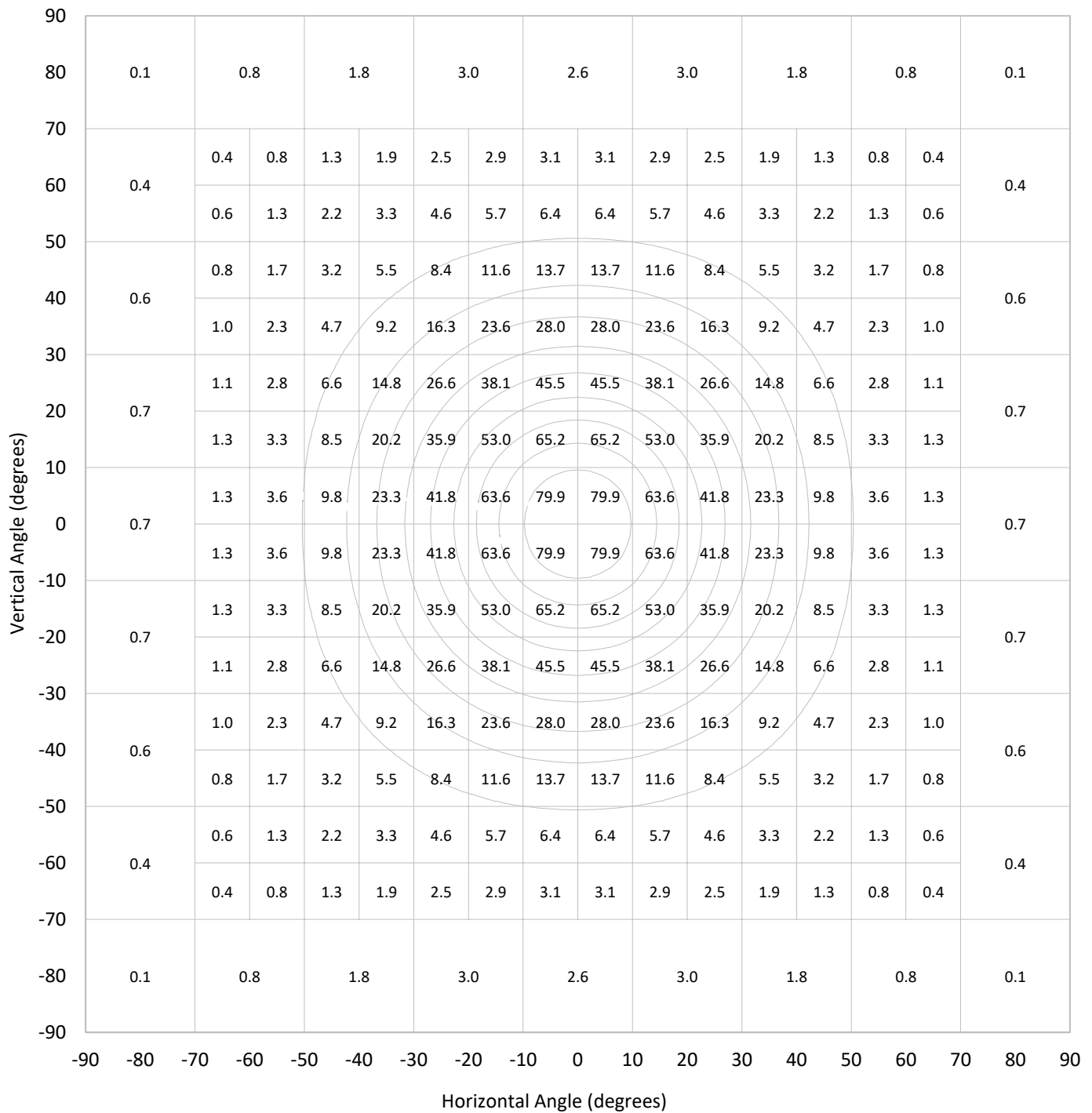
### Iso-Candela Plot





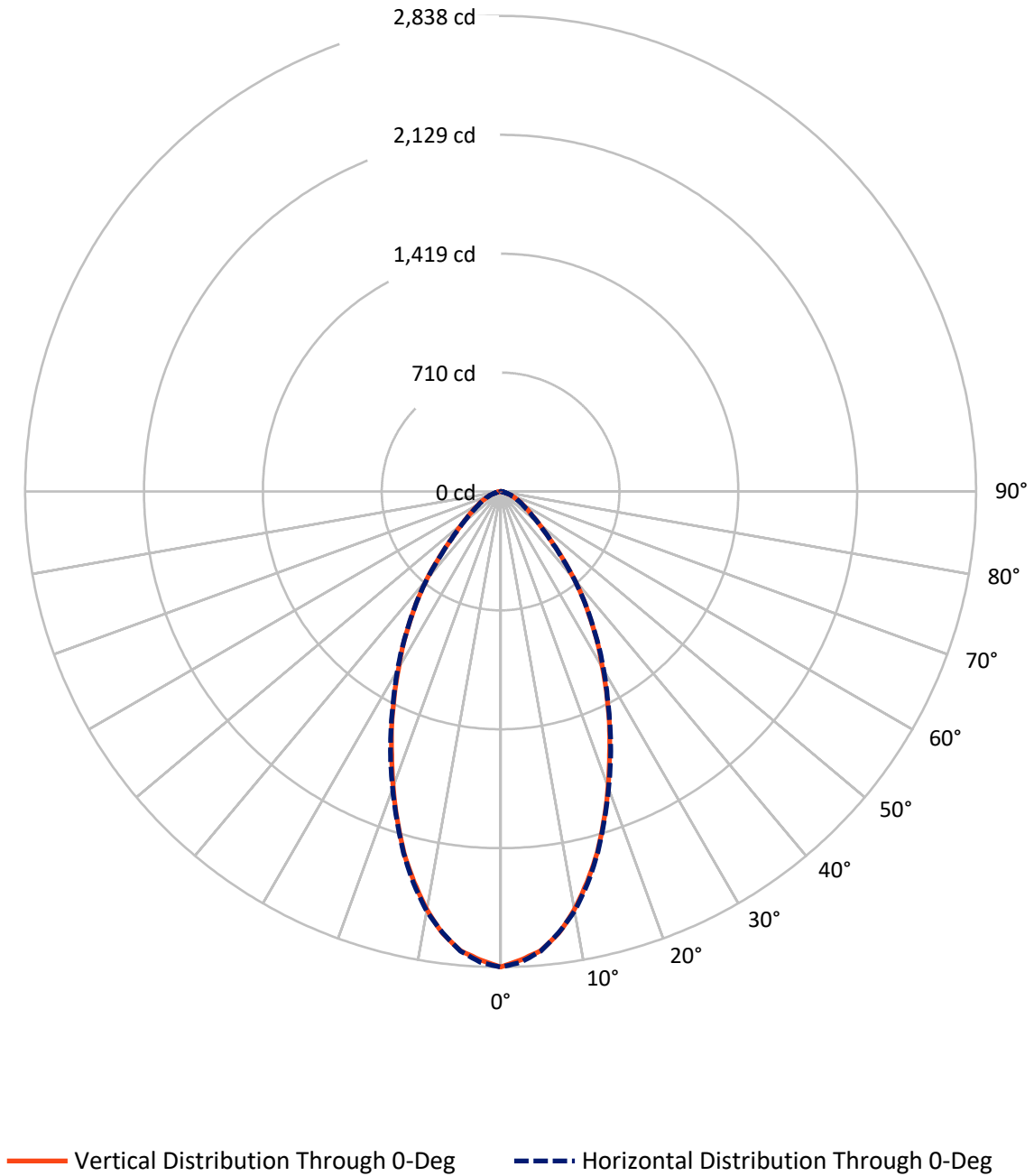
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### Lumen Table



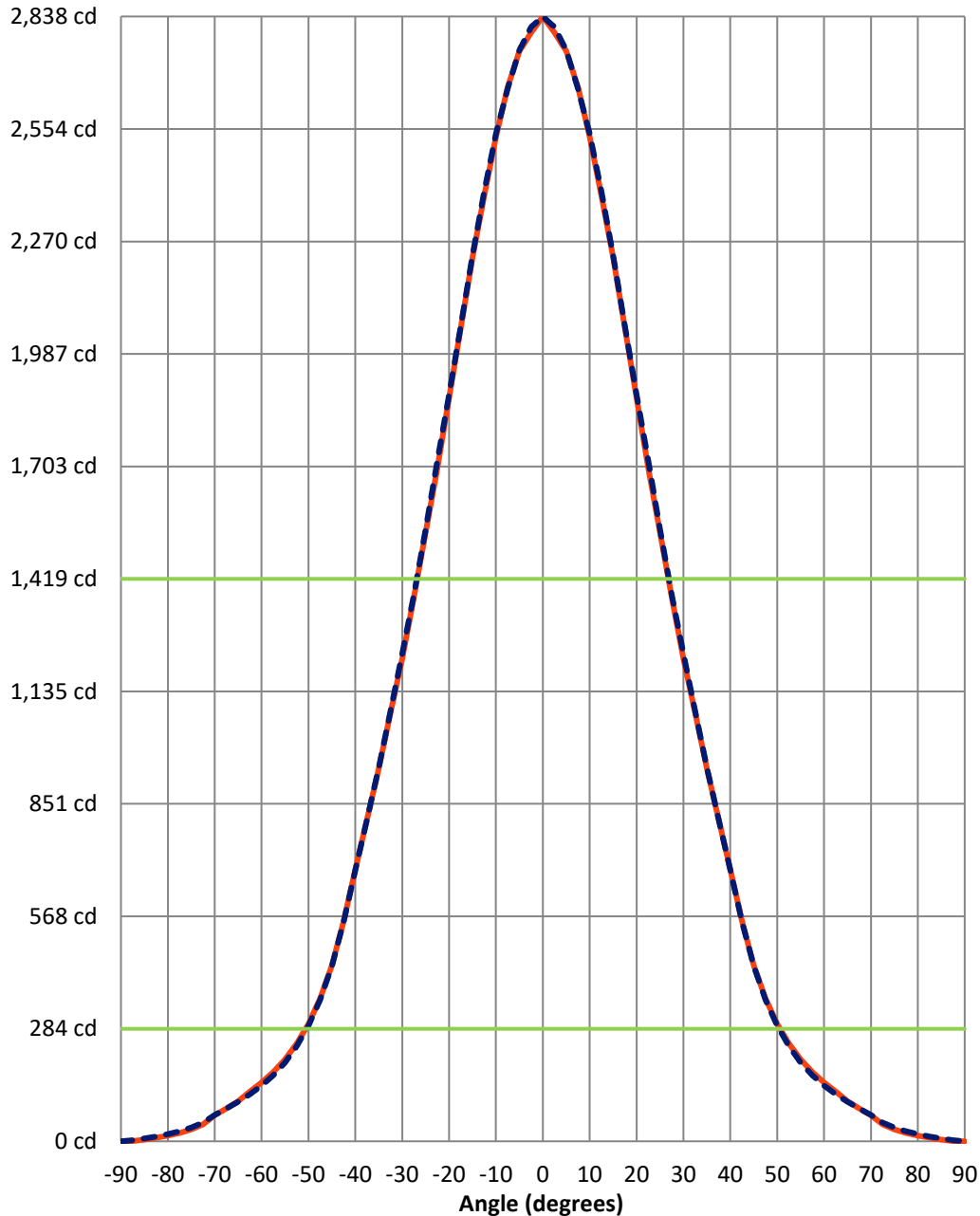
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 1381.1  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 2549.2  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 339.3  
 Efficiency: 11.7%

- 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	0.5	0.8	1.0	1.3	1.5	1.6	1.7	1.8
85°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.2	3.4	3.6
82.5°	0.0	0.4	1.0	1.6	2.3	3.1	4.0	4.5	4.9	5.7	6.4
80°	0.0	0.6	1.3	2.1	3.1	4.2	5.5	6.8	7.9	9.0	9.9
77.5°	0.0	0.7	1.6	2.7	3.8	5.4	7.8	9.5	10.9	12.2	13.5
75°	0.0	0.8	1.9	3.2	4.7	7.1	10.0	12.2	13.9	15.7	17.6
72.5°	0.0	1.0	2.3	3.7	5.8	8.7	12.2	14.9	17.0	19.2	21.6
70°	0.0	1.1	2.6	4.2	6.8	10.2	14.3	17.4	20.0	22.7	25.8
67.5°	0.0	1.2	2.8	4.9	7.9	11.7	16.1	19.9	22.9	26.2	30.0
65°	0.0	1.4	3.1	5.5	8.9	13.1	17.9	22.3	25.8	29.6	34.0
62.5°	0.0	1.5	3.4	6.1	9.8	14.3	19.5	24.6	28.5	32.9	37.7
60°	0.0	1.6	3.7	6.7	10.6	15.5	21.1	26.8	31.1	36.1	41.2
57.5°	0.0	1.7	4.0	7.2	11.4	16.6	22.4	28.7	33.8	39.2	44.5
55°	0.0	1.8	4.3	7.7	12.2	17.6	23.7	30.3	36.4	42.1	47.7
52.5°	0.0	1.9	4.6	8.1	12.9	18.5	24.9	32.0	38.8	44.9	50.8
50°	0.0	2.0	4.9	8.5	13.5	19.4	25.9	33.6	41.2	47.6	54.2
47.5°	0.0	2.1	5.1	8.9	14.1	20.1	26.9	35.0	43.6	50.3	57.5
45°	0.0	2.2	5.4	9.2	14.5	20.8	28.0	36.3	45.3	53.2	60.7
42.5°	0.0	2.3	5.6	9.5	15.0	21.4	29.0	37.6	46.9	56.0	64.0
40°	0.0	2.4	5.8	9.9	15.4	21.9	29.8	38.8	48.4	58.6	67.2
37.5°	0.0	2.5	6.1	10.3	15.7	22.3	30.6	39.9	50.1	60.6	70.3
35°	0.0	2.5	6.3	10.6	16.0	22.8	31.2	40.9	51.7	62.8	73.4
32.5°	0.0	2.6	6.4	10.9	16.2	23.2	31.7	41.8	53.3	65.1	76.6
30°	0.0	2.6	6.6	11.1	16.4	23.5	32.4	42.6	54.7	67.4	79.6
27.5°	0.0	2.7	6.7	11.4	16.7	23.8	32.9	43.7	56.3	69.7	82.4
25°	0.0	2.7	6.9	11.6	17.1	23.9	33.3	44.7	58.0	72.0	85.0
22.5°	0.0	2.8	7.0	11.8	17.4	24.1	33.5	45.5	59.6	74.0	87.9
20°	0.0	2.8	7.1	11.9	17.6	24.6	33.7	46.2	61.1	75.9	90.5
17.5°	0.0	2.8	7.1	12.0	17.8	24.9	34.1	46.7	62.5	77.5	92.8
15°	0.0	2.8	7.2	12.1	18.0	25.2	34.5	47.3	63.8	78.9	94.7
12.5°	0.0	2.8	7.2	12.2	18.1	25.4	34.9	47.8	64.9	80.1	96.4
10°	0.0	2.8	7.3	12.2	18.2	25.5	35.1	48.0	65.7	81.1	97.7
7.5°	0.0	2.8	7.3	12.2	18.3	25.6	35.2	48.1	66.3	81.9	98.7
5°	0.0	2.8	7.3	12.2	18.3	25.6	35.1	47.9	66.6	82.4	99.4
2.5°	0.0	2.8	7.2	12.1	18.2	25.5	35.0	47.6	66.6	82.6	99.7
0°	0.0	2.8	7.2	12.0	18.1	25.3	34.7	47.1	66.4	82.6	99.7
-2.5°	0.0	2.8	7.2	12.1	18.2	25.5	35.0	47.6	66.6	82.6	99.7
-5°	0.0	2.8	7.3	12.2	18.3	25.6	35.1	47.9	66.6	82.4	99.4
-7.5°	0.0	2.8	7.3	12.2	18.3	25.6	35.2	48.1	66.3	81.9	98.7
-10°	0.0	2.8	7.3	12.2	18.2	25.5	35.1	48.0	65.7	81.1	97.7
-12.5°	0.0	2.8	7.2	12.2	18.1	25.4	34.9	47.8	64.9	80.1	96.4
-15°	0.0	2.8	7.2	12.1	18.0	25.2	34.5	47.3	63.8	78.9	94.7
-17.5°	0.0	2.8	7.1	12.0	17.8	24.9	34.1	46.7	62.5	77.5	92.8
-20°	0.0	2.8	7.1	11.9	17.6	24.6	33.7	46.2	61.1	75.9	90.5

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	7.0	11.8	17.4	24.1	33.5	45.5	59.6	74.0	87.9
-25°	0.0	2.7	6.9	11.6	17.1	23.9	33.3	44.7	58.0	72.0	85.0
-27.5°	0.0	2.7	6.7	11.4	16.7	23.8	32.9	43.7	56.3	69.7	82.4
-30°	0.0	2.6	6.6	11.1	16.4	23.5	32.4	42.6	54.7	67.4	79.6
-32.5°	0.0	2.6	6.4	10.9	16.2	23.2	31.7	41.8	53.3	65.1	76.6
-35°	0.0	2.5	6.3	10.6	16.0	22.8	31.2	40.9	51.7	62.8	73.4
-37.5°	0.0	2.5	6.1	10.3	15.7	22.3	30.6	39.9	50.1	60.6	70.3
-40°	0.0	2.4	5.8	9.9	15.4	21.9	29.8	38.8	48.4	58.6	67.2
-42.5°	0.0	2.3	5.6	9.5	15.0	21.4	29.0	37.6	46.9	56.0	64.0
-45°	0.0	2.2	5.4	9.2	14.5	20.8	28.0	36.3	45.3	53.2	60.7
-47.5°	0.0	2.1	5.1	8.9	14.1	20.1	26.9	35.0	43.6	50.3	57.5
-50°	0.0	2.0	4.9	8.5	13.5	19.4	25.9	33.6	41.2	47.6	54.2
-52.5°	0.0	1.9	4.6	8.1	12.9	18.5	24.9	32.0	38.8	44.9	50.8
-55°	0.0	1.8	4.3	7.7	12.2	17.6	23.7	30.3	36.4	42.1	47.7
-57.5°	0.0	1.7	4.0	7.2	11.4	16.6	22.4	28.7	33.8	39.2	44.5
-60°	0.0	1.6	3.7	6.7	10.6	15.5	21.1	26.8	31.1	36.1	41.2
-62.5°	0.0	1.5	3.4	6.1	9.8	14.3	19.5	24.6	28.5	32.9	37.7
-65°	0.0	1.4	3.1	5.5	8.9	13.1	17.9	22.3	25.8	29.6	34.0
-67.5°	0.0	1.2	2.8	4.9	7.9	11.7	16.1	19.9	22.9	26.2	30.0
-70°	0.0	1.1	2.6	4.2	6.8	10.2	14.3	17.4	20.0	22.7	25.8
-72.5°	0.0	1.0	2.3	3.7	5.8	8.7	12.2	14.9	17.0	19.2	21.6
-75°	0.0	0.8	1.9	3.2	4.7	7.1	10.0	12.2	13.9	15.7	17.6
-77.5°	0.0	0.7	1.6	2.7	3.8	5.4	7.8	9.5	10.9	12.2	13.5
-80°	0.0	0.6	1.3	2.1	3.1	4.2	5.5	6.8	7.9	9.0	9.9
-82.5°	0.0	0.4	1.0	1.6	2.3	3.1	4.0	4.5	4.9	5.7	6.4
-85°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.2	3.4	3.6
-87.5°	0.0	0.1	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.7	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-WR-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°	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.4	1.4
85°	3.6	3.6	3.9	4.2	4.3	4.3	4.2	4.1	4.6	5.2	5.8
82.5°	7.0	7.7	8.2	8.8	8.8	8.7	8.4	8.1	9.2	10.5	11.9
80°	10.8	11.7	12.7	13.7	14.0	13.9	13.6	13.0	14.5	16.5	18.7
77.5°	15.0	16.5	17.8	19.1	19.4	19.3	19.1	18.7	20.5	23.3	26.2
75°	19.5	21.2	22.9	24.4	25.1	25.1	25.1	25.5	27.9	31.1	33.9
72.5°	24.1	26.3	28.2	29.9	30.9	31.7	32.8	34.1	36.4	39.6	42.4
70°	29.0	31.4	33.4	35.3	36.9	38.6	40.8	43.0	45.5	48.7	51.6
67.5°	33.8	36.2	38.5	40.8	43.7	46.5	49.2	52.1	55.3	58.7	61.6
65°	38.2	41.0	43.8	47.1	50.9	54.0	57.5	61.2	65.4	69.1	72.5
62.5°	42.5	45.7	49.2	53.1	57.2	61.2	65.7	70.5	75.4	80.1	84.8
60°	46.1	50.1	54.3	58.8	63.5	68.9	74.2	80.0	85.8	91.5	97.2
57.5°	49.6	54.5	59.4	64.6	70.5	76.6	83.0	89.5	96.4	103.3	109.8
55°	53.2	59.0	64.5	70.7	77.4	84.7	92.0	99.7	107.4	116.1	124.1
52.5°	57.1	63.3	69.8	76.9	84.8	93.0	101.5	110.4	120.0	129.6	139.3
50°	60.8	67.9	75.1	83.7	92.5	101.7	111.6	122.0	133.1	144.2	156.0
47.5°	64.8	72.3	81.2	90.4	100.5	111.0	122.2	134.6	146.9	160.9	174.5
45°	68.6	77.3	87.0	97.7	108.7	120.6	133.9	147.4	163.2	179.1	196.8
42.5°	72.3	82.3	93.2	104.7	117.3	130.9	145.6	162.7	180.5	200.1	221.0
40°	76.6	87.2	99.4	112.2	125.9	141.5	159.1	178.1	199.8	223.0	246.7
37.5°	80.8	92.6	105.5	119.5	135.3	152.8	172.3	195.6	220.7	247.0	279.3
35°	84.6	97.8	111.8	127.1	144.2	164.6	187.9	213.6	242.5	276.5	314.2
32.5°	88.8	102.7	117.8	134.9	154.2	176.5	203.0	233.3	267.5	306.2	353.3
30°	92.9	107.8	123.7	142.2	163.7	189.5	219.6	253.1	292.4	341.0	396.3
27.5°	96.8	112.5	129.9	149.9	173.0	201.5	235.5	274.8	321.2	376.1	440.6
25°	100.4	116.8	135.7	157.3	183.2	214.4	251.3	294.9	349.9	415.3	494.7
22.5°	103.7	120.7	140.8	163.9	192.3	227.0	268.5	318.3	379.1	452.6	547.8
20°	106.9	124.9	146.0	170.3	200.5	238.3	284.3	340.2	409.3	496.3	599.8
17.5°	109.7	128.7	150.8	177.1	209.7	249.8	299.2	359.5	436.3	535.4	647.9
15°	112.1	131.9	155.1	183.1	217.9	261.2	314.8	380.6	464.4	571.0	690.0
12.5°	114.0	134.6	158.6	188.1	224.8	270.9	328.1	399.5	491.7	604.5	727.1
10°	115.6	136.7	161.5	192.1	230.4	278.7	339.1	415.0	514.5	633.2	758.4
7.5°	116.9	138.4	163.6	195.2	234.6	284.7	347.6	426.9	532.3	655.9	782.4
5°	117.9	139.6	165.3	197.3	237.7	288.9	353.6	435.2	545.0	672.4	798.9
2.5°	118.4	140.3	166.3	198.5	239.6	291.2	356.7	440.5	551.9	681.8	808.8
0°	118.5	140.4	166.5	198.6	240.1	291.6	357.2	442.1	553.4	684.2	812.4
-2.5°	118.4	140.3	166.3	198.5	239.6	291.2	356.7	440.5	551.9	681.8	808.8
-5°	117.9	139.6	165.3	197.3	237.7	288.9	353.6	435.2	545.0	672.4	798.9
-7.5°	116.9	138.4	163.6	195.2	234.6	284.7	347.6	426.9	532.3	655.9	782.4
-10°	115.6	136.7	161.5	192.1	230.4	278.7	339.1	415.0	514.5	633.2	758.4
-12.5°	114.0	134.6	158.6	188.1	224.8	270.9	328.1	399.5	491.7	604.5	727.1
-15°	112.1	131.9	155.1	183.1	217.9	261.2	314.8	380.6	464.4	571.0	690.0
-17.5°	109.7	128.7	150.8	177.1	209.7	249.8	299.2	359.5	436.3	535.4	647.9
-20°	106.9	124.9	146.0	170.3	200.5	238.3	284.3	340.2	409.3	496.3	599.8

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	103.7	120.7	140.8	163.9	192.3	227.0	268.5	318.3	379.1	452.6	547.8
-25°	100.4	116.8	135.7	157.3	183.2	214.4	251.3	294.9	349.9	415.3	494.7
-27.5°	96.8	112.5	129.9	149.9	173.0	201.5	235.5	274.8	321.2	376.1	440.6
-30°	92.9	107.8	123.7	142.2	163.7	189.5	219.6	253.1	292.4	341.0	396.3
-32.5°	88.8	102.7	117.8	134.9	154.2	176.5	203.0	233.3	267.5	306.2	353.3
-35°	84.6	97.8	111.8	127.1	144.2	164.6	187.9	213.6	242.5	276.5	314.2
-37.5°	80.8	92.6	105.5	119.5	135.3	152.8	172.3	195.6	220.7	247.0	279.3
-40°	76.6	87.2	99.4	112.2	125.9	141.5	159.1	178.1	199.8	223.0	246.7
-42.5°	72.3	82.3	93.2	104.7	117.3	130.9	145.6	162.7	180.5	200.1	221.0
-45°	68.6	77.3	87.0	97.7	108.7	120.6	133.9	147.4	163.2	179.1	196.8
-47.5°	64.8	72.3	81.2	90.4	100.5	111.0	122.2	134.6	146.9	160.9	174.5
-50°	60.8	67.9	75.1	83.7	92.5	101.7	111.6	122.0	133.1	144.2	156.0
-52.5°	57.1	63.3	69.8	76.9	84.8	93.0	101.5	110.4	120.0	129.6	139.3
-55°	53.2	59.0	64.5	70.7	77.4	84.7	92.0	99.7	107.4	116.1	124.1
-57.5°	49.6	54.5	59.4	64.6	70.5	76.6	83.0	89.5	96.4	103.3	109.8
-60°	46.1	50.1	54.3	58.8	63.5	68.9	74.2	80.0	85.8	91.5	97.2
-62.5°	42.5	45.7	49.2	53.1	57.2	61.2	65.7	70.5	75.4	80.1	84.8
-65°	38.2	41.0	43.8	47.1	50.9	54.0	57.5	61.2	65.4	69.1	72.5
-67.5°	33.8	36.2	38.5	40.8	43.7	46.5	49.2	52.1	55.3	58.7	61.6
-70°	29.0	31.4	33.4	35.3	36.9	38.6	40.8	43.0	45.5	48.7	51.6
-72.5°	24.1	26.3	28.2	29.9	30.9	31.7	32.8	34.1	36.4	39.6	42.4
-75°	19.5	21.2	22.9	24.4	25.1	25.1	25.1	25.5	27.9	31.1	33.9
-77.5°	15.0	16.5	17.8	19.1	19.4	19.3	19.1	18.7	20.5	23.3	26.2
-80°	10.8	11.7	12.7	13.7	14.0	13.9	13.6	13.0	14.5	16.5	18.7
-82.5°	7.0	7.7	8.2	8.8	8.8	8.7	8.4	8.1	9.2	10.5	11.9
-85°	3.6	3.6	3.9	4.2	4.3	4.3	4.2	4.1	4.6	5.2	5.8
-87.5°	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.4	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



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-WR-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°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0
85°	6.5	6.6	6.7	6.8	6.8	7.0	7.2	7.4	7.5	6.8	6.1
82.5°	13.3	13.9	14.5	15.0	15.5	15.9	16.2	16.4	16.5	15.0	13.2
80°	20.9	22.2	23.3	24.3	25.3	25.6	25.6	25.4	25.2	23.0	20.6
77.5°	29.1	30.8	32.1	33.5	34.8	35.3	35.5	35.7	35.8	33.2	29.9
75°	36.4	38.5	40.4	42.1	43.7	44.6	45.1	45.5	45.9	43.2	39.7
72.5°	44.8	47.0	49.1	51.0	52.8	53.9	54.7	55.3	55.8	54.3	52.1
70°	54.1	56.4	58.6	60.6	62.6	64.1	65.3	66.4	67.2	67.4	67.3
67.5°	64.5	67.1	69.7	71.9	74.2	76.4	78.3	79.9	81.1	82.0	82.4
65°	76.0	80.0	83.5	86.5	89.1	92.0	94.5	96.4	97.8	98.8	99.7
62.5°	89.7	94.5	98.5	102.5	106.6	110.6	113.1	115.6	118.1	120.4	122.4
60°	102.8	108.0	113.5	118.6	123.3	127.7	132.2	136.1	139.6	142.5	144.7
57.5°	116.8	123.2	129.4	135.9	141.9	147.6	153.1	158.3	162.7	166.4	169.5
55°	131.9	139.8	147.1	155.3	163.3	170.6	177.3	184.1	190.3	195.8	200.1
52.5°	148.2	158.5	168.3	177.9	188.2	197.6	205.9	215.4	223.8	230.8	236.2
50°	167.8	179.8	192.7	204.7	217.7	230.5	242.3	253.8	265.0	274.7	282.5
47.5°	190.0	204.8	220.8	236.7	252.8	270.4	286.0	300.6	316.2	329.8	340.7
45°	214.7	233.6	252.9	275.2	295.8	318.3	339.1	357.8	380.0	399.6	415.3
42.5°	242.2	267.3	292.7	320.8	348.0	376.6	406.9	433.9	463.3	491.4	514.1
40°	276.2	306.2	340.2	374.2	413.3	450.0	494.2	534.4	570.9	604.4	631.9
37.5°	314.0	352.6	395.3	439.6	493.0	545.4	597.2	646.1	689.3	726.0	756.7
35°	356.8	405.9	457.7	522.2	584.9	647.7	706.2	759.7	806.6	848.0	883.2
32.5°	406.2	465.0	537.5	610.1	681.6	750.7	815.0	873.3	924.8	971.2	1011.6
30°	458.0	538.3	619.7	699.3	777.4	853.1	923.6	987.8	1046.0	1097.6	1144.3
27.5°	523.9	612.9	701.7	787.5	873.4	956.3	1032.7	1104.0	1170.7	1229.2	1282.4
25°	587.6	685.9	780.3	873.9	967.4	1056.4	1141.8	1222.3	1298.8	1365.8	1425.3
22.5°	651.3	754.3	855.1	955.8	1056.2	1155.4	1251.3	1343.5	1429.0	1505.4	1572.3
20°	710.4	818.0	925.8	1034.3	1143.1	1251.7	1359.4	1463.3	1558.5	1646.7	1724.2
17.5°	763.3	877.7	992.1	1108.1	1226.1	1343.9	1463.6	1580.0	1688.9	1789.2	1879.1
15°	810.1	929.6	1052.4	1177.5	1304.2	1432.2	1562.8	1693.1	1815.7	1929.6	2029.9
12.5°	851.1	975.3	1104.0	1237.0	1374.5	1514.0	1656.5	1799.2	1934.9	2066.4	2174.8
10°	884.9	1014.1	1148.7	1288.4	1433.4	1583.5	1736.4	1890.1	2039.6	2179.1	2303.0
7.5°	911.0	1045.1	1183.7	1329.0	1481.2	1639.5	1801.4	1964.5	2124.1	2274.4	2411.5
5°	929.4	1067.6	1208.0	1359.1	1516.6	1680.7	1849.0	2018.9	2185.7	2343.8	2485.8
2.5°	940.1	1081.1	1222.1	1377.4	1537.7	1705.6	1878.4	2051.2	2222.4	2386.3	2532.3
0°	942.9	1085.2	1230.2	1379.4	1544.3	1717.2	1883.9	2057.2	2235.1	2396.8	2542.2
-2.5°	940.1	1081.1	1222.1	1377.4	1537.7	1705.6	1878.4	2051.2	2222.4	2386.3	2532.3
-5°	929.4	1067.6	1208.0	1359.1	1516.6	1680.7	1849.0	2018.9	2185.7	2343.8	2485.8
-7.5°	911.0	1045.1	1183.7	1329.0	1481.2	1639.5	1801.4	1964.5	2124.1	2274.4	2411.5
-10°	884.9	1014.1	1148.7	1288.4	1433.4	1583.5	1736.4	1890.1	2039.6	2179.1	2303.0
-12.5°	851.1	975.3	1104.0	1237.0	1374.5	1514.0	1656.5	1799.2	1934.9	2066.4	2174.8
-15°	810.1	929.6	1052.4	1177.5	1304.2	1432.2	1562.8	1693.1	1815.7	1929.6	2029.9
-17.5°	763.3	877.7	992.1	1108.1	1226.1	1343.9	1463.6	1580.0	1688.9	1789.2	1879.1
-20°	710.4	818.0	925.8	1034.3	1143.1	1251.7	1359.4	1463.3	1558.5	1646.7	1724.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	651.3	754.3	855.1	955.8	1056.2	1155.4	1251.3	1343.5	1429.0	1505.4	1572.3
-25°	587.6	685.9	780.3	873.9	967.4	1056.4	1141.8	1222.3	1298.8	1365.8	1425.3
-27.5°	523.9	612.9	701.7	787.5	873.4	956.3	1032.7	1104.0	1170.7	1229.2	1282.4
-30°	458.0	538.3	619.7	699.3	777.4	853.1	923.6	987.8	1046.0	1097.6	1144.3
-32.5°	406.2	465.0	537.5	610.1	681.6	750.7	815.0	873.3	924.8	971.2	1011.6
-35°	356.8	405.9	457.7	522.2	584.9	647.7	706.2	759.7	806.6	848.0	883.2
-37.5°	314.0	352.6	395.3	439.6	493.0	545.4	597.2	646.1	689.3	726.0	756.7
-40°	276.2	306.2	340.2	374.2	413.3	450.0	494.2	534.4	570.9	604.4	631.9
-42.5°	242.2	267.3	292.7	320.8	348.0	376.6	406.9	433.9	463.3	491.4	514.1
-45°	214.7	233.6	252.9	275.2	295.8	318.3	339.1	357.8	380.0	399.6	415.3
-47.5°	190.0	204.8	220.8	236.7	252.8	270.4	286.0	300.6	316.2	329.8	340.7
-50°	167.8	179.8	192.7	204.7	217.7	230.5	242.3	253.8	265.0	274.7	282.5
-52.5°	148.2	158.5	168.3	177.9	188.2	197.6	205.9	215.4	223.8	230.8	236.2
-55°	131.9	139.8	147.1	155.3	163.3	170.6	177.3	184.1	190.3	195.8	200.1
-57.5°	116.8	123.2	129.4	135.9	141.9	147.6	153.1	158.3	162.7	166.4	169.5
-60°	102.8	108.0	113.5	118.6	123.3	127.7	132.2	136.1	139.6	142.5	144.7
-62.5°	89.7	94.5	98.5	102.5	106.6	110.6	113.1	115.6	118.1	120.4	122.4
-65°	76.0	80.0	83.5	86.5	89.1	92.0	94.5	96.4	97.8	98.8	99.7
-67.5°	64.5	67.1	69.7	71.9	74.2	76.4	78.3	79.9	81.1	82.0	82.4
-70°	54.1	56.4	58.6	60.6	62.6	64.1	65.3	66.4	67.2	67.4	67.3
-72.5°	44.8	47.0	49.1	51.0	52.8	53.9	54.7	55.3	55.8	54.3	52.1
-75°	36.4	38.5	40.4	42.1	43.7	44.6	45.1	45.5	45.9	43.2	39.7
-77.5°	29.1	30.8	32.1	33.5	34.8	35.3	35.5	35.7	35.8	33.2	29.9
-80°	20.9	22.2	23.3	24.3	25.3	25.6	25.6	25.4	25.2	23.0	20.6
-82.5°	13.3	13.9	14.5	15.0	15.5	15.9	16.2	16.4	16.5	15.0	13.2
-85°	6.5	6.6	6.7	6.8	6.8	7.0	7.2	7.4	7.5	6.8	6.1
-87.5°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2
85°	5.2	4.4	4.3	4.2	4.3	4.4	5.2	6.1	6.8	7.5	7.4
82.5°	11.3	9.4	9.1	8.8	9.1	9.4	11.3	13.2	15.0	16.5	16.4
80°	18.0	15.4	14.9	14.4	14.9	15.4	18.0	20.6	23.0	25.2	25.4
77.5°	26.5	22.9	21.9	20.9	21.9	22.9	26.5	29.9	33.2	35.8	35.7
75°	36.1	32.4	31.1	29.9	31.1	32.4	36.1	39.7	43.2	45.9	45.5
72.5°	49.8	47.5	45.2	42.7	45.2	47.5	49.8	52.1	54.3	55.8	55.3
70°	67.2	67.1	66.5	65.6	66.5	67.1	67.2	67.3	67.4	67.2	66.4
67.5°	82.6	82.6	82.8	82.8	82.8	82.6	82.6	82.4	82.0	81.1	79.9
65°	100.3	100.5	100.9	101.1	100.9	100.5	100.3	99.7	98.8	97.8	96.4
62.5°	123.9	125.0	125.5	125.4	125.5	125.0	123.9	122.4	120.4	118.1	115.6
60°	146.3	147.4	148.0	148.2	148.0	147.4	146.3	144.7	142.5	139.6	136.1
57.5°	171.9	173.6	174.6	174.7	174.6	173.6	171.9	169.5	166.4	162.7	158.3
55°	203.4	205.7	206.7	206.6	206.7	205.7	203.4	200.1	195.8	190.3	184.1
52.5°	240.3	243.1	245.2	246.5	245.2	243.1	240.3	236.2	230.8	223.8	215.4
50°	288.4	292.5	295.1	296.1	295.1	292.5	288.4	282.5	274.7	265.0	253.8
47.5°	348.6	353.9	357.8	360.6	357.8	353.9	348.6	340.7	329.8	316.2	300.6
45°	427.0	435.1	440.7	443.9	440.7	435.1	427.0	415.3	399.6	380.0	357.8
42.5°	531.8	544.5	552.2	555.2	552.2	544.5	531.8	514.1	491.4	463.3	433.9
40°	653.5	668.8	678.7	685.6	678.7	668.8	653.5	631.9	604.4	570.9	534.4
37.5°	780.3	796.2	805.9	812.6	805.9	796.2	780.3	756.7	726.0	689.3	646.1
35°	909.7	926.3	935.4	940.5	935.4	926.3	909.7	883.2	848.0	806.6	759.7
32.5°	1042.4	1060.8	1070.7	1080.9	1070.7	1060.8	1042.4	1011.6	971.2	924.8	873.3
30°	1181.1	1202.2	1212.5	1217.5	1212.5	1202.2	1181.1	1144.3	1097.6	1046.0	987.8
27.5°	1325.3	1351.7	1364.7	1373.2	1364.7	1351.7	1325.3	1282.4	1229.2	1170.7	1104.0
25°	1475.5	1508.1	1522.9	1536.3	1522.9	1508.1	1475.5	1425.3	1365.8	1298.8	1222.3
22.5°	1631.3	1671.9	1689.1	1698.5	1689.1	1671.9	1631.3	1572.3	1505.4	1429.0	1343.5
20°	1791.1	1839.7	1863.5	1875.8	1863.5	1839.7	1791.1	1724.2	1646.7	1558.5	1463.3
17.5°	1954.6	2014.9	2045.9	2053.0	2045.9	2014.9	1954.6	1879.1	1789.2	1688.9	1580.0
15°	2115.0	2180.3	2216.9	2230.3	2216.9	2180.3	2115.0	2029.9	1929.6	1815.7	1693.1
12.5°	2266.9	2334.7	2378.4	2386.1	2378.4	2334.7	2266.9	2174.8	2066.4	1934.9	1799.2
10°	2404.8	2474.9	2523.2	2534.2	2523.2	2474.9	2404.8	2303.0	2179.1	2039.6	1890.1
7.5°	2520.0	2596.9	2650.3	2659.5	2650.3	2596.9	2520.0	2411.5	2274.4	2124.1	1964.5
5°	2604.3	2695.6	2739.4	2750.4	2739.4	2695.6	2604.3	2485.8	2343.8	2185.7	2018.9
2.5°	2650.5	2743.5	2804.3	2797.3	2804.3	2743.5	2650.5	2532.3	2386.3	2222.4	2051.2
0°	2655.7	2753.0	2811.2	2838.0	2811.2	2753.0	2655.7	2542.2	2396.8	2235.1	2057.2
-2.5°	2650.5	2743.5	2804.3	2797.3	2804.3	2743.5	2650.5	2532.3	2386.3	2222.4	2051.2
-5°	2604.3	2695.6	2739.4	2750.4	2739.4	2695.6	2604.3	2485.8	2343.8	2185.7	2018.9
-7.5°	2520.0	2596.9	2650.3	2659.5	2650.3	2596.9	2520.0	2411.5	2274.4	2124.1	1964.5
-10°	2404.8	2474.9	2523.2	2534.2	2523.2	2474.9	2404.8	2303.0	2179.1	2039.6	1890.1
-12.5°	2266.9	2334.7	2378.4	2386.1	2378.4	2334.7	2266.9	2174.8	2066.4	1934.9	1799.2
-15°	2115.0	2180.3	2216.9	2230.3	2216.9	2180.3	2115.0	2029.9	1929.6	1815.7	1693.1
-17.5°	1954.6	2014.9	2045.9	2053.0	2045.9	2014.9	1954.6	1879.1	1789.2	1688.9	1580.0
-20°	1791.1	1839.7	1863.5	1875.8	1863.5	1839.7	1791.1	1724.2	1646.7	1558.5	1463.3



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1631.3	1671.9	1689.1	1698.5	1689.1	1671.9	1631.3	1572.3	1505.4	1429.0	1343.5
-25°	1475.5	1508.1	1522.9	1536.3	1522.9	1508.1	1475.5	1425.3	1365.8	1298.8	1222.3
-27.5°	1325.3	1351.7	1364.7	1373.2	1364.7	1351.7	1325.3	1282.4	1229.2	1170.7	1104.0
-30°	1181.1	1202.2	1212.5	1217.5	1212.5	1202.2	1181.1	1144.3	1097.6	1046.0	987.8
-32.5°	1042.4	1060.8	1070.7	1080.9	1070.7	1060.8	1042.4	1011.6	971.2	924.8	873.3
-35°	909.7	926.3	935.4	940.5	935.4	926.3	909.7	883.2	848.0	806.6	759.7
-37.5°	780.3	796.2	805.9	812.6	805.9	796.2	780.3	756.7	726.0	689.3	646.1
-40°	653.5	668.8	678.7	685.6	678.7	668.8	653.5	631.9	604.4	570.9	534.4
-42.5°	531.8	544.5	552.2	555.2	552.2	544.5	531.8	514.1	491.4	463.3	433.9
-45°	427.0	435.1	440.7	443.9	440.7	435.1	427.0	415.3	399.6	380.0	357.8
-47.5°	348.6	353.9	357.8	360.6	357.8	353.9	348.6	340.7	329.8	316.2	300.6
-50°	288.4	292.5	295.1	296.1	295.1	292.5	288.4	282.5	274.7	265.0	253.8
-52.5°	240.3	243.1	245.2	246.5	245.2	243.1	240.3	236.2	230.8	223.8	215.4
-55°	203.4	205.7	206.7	206.6	206.7	205.7	203.4	200.1	195.8	190.3	184.1
-57.5°	171.9	173.6	174.6	174.7	174.6	173.6	171.9	169.5	166.4	162.7	158.3
-60°	146.3	147.4	148.0	148.2	148.0	147.4	146.3	144.7	142.5	139.6	136.1
-62.5°	123.9	125.0	125.5	125.4	125.5	125.0	123.9	122.4	120.4	118.1	115.6
-65°	100.3	100.5	100.9	101.1	100.9	100.5	100.3	99.7	98.8	97.8	96.4
-67.5°	82.6	82.6	82.8	82.8	82.8	82.6	82.6	82.4	82.0	81.1	79.9
-70°	67.2	67.1	66.5	65.6	66.5	67.1	67.2	67.3	67.4	67.2	66.4
-72.5°	49.8	47.5	45.2	42.7	45.2	47.5	49.8	52.1	54.3	55.8	55.3
-75°	36.1	32.4	31.1	29.9	31.1	32.4	36.1	39.7	43.2	45.9	45.5
-77.5°	26.5	22.9	21.9	20.9	21.9	22.9	26.5	29.9	33.2	35.8	35.7
-80°	18.0	15.4	14.9	14.4	14.9	15.4	18.0	20.6	23.0	25.2	25.4
-82.5°	11.3	9.4	9.1	8.8	9.1	9.4	11.3	13.2	15.0	16.5	16.4
-85°	5.2	4.4	4.3	4.2	4.3	4.4	5.2	6.1	6.8	7.5	7.4
-87.5°	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.2	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





REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-WR-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°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.3
85°	7.2	7.0	6.8	6.8	6.7	6.6	6.5	5.8	5.2	4.6	4.1
82.5°	16.2	15.9	15.5	15.0	14.5	13.9	13.3	11.9	10.5	9.2	8.1
80°	25.6	25.6	25.3	24.3	23.3	22.2	20.9	18.7	16.5	14.5	13.0
77.5°	35.5	35.3	34.8	33.5	32.1	30.8	29.1	26.2	23.3	20.5	18.7
75°	45.1	44.6	43.7	42.1	40.4	38.5	36.4	33.9	31.1	27.9	25.5
72.5°	54.7	53.9	52.8	51.0	49.1	47.0	44.8	42.4	39.6	36.4	34.1
70°	65.3	64.1	62.6	60.6	58.6	56.4	54.1	51.6	48.7	45.5	43.0
67.5°	78.3	76.4	74.2	71.9	69.7	67.1	64.5	61.6	58.7	55.3	52.1
65°	94.5	92.0	89.1	86.5	83.5	80.0	76.0	72.5	69.1	65.4	61.2
62.5°	113.1	110.6	106.6	102.5	98.5	94.5	89.7	84.8	80.1	75.4	70.5
60°	132.2	127.7	123.3	118.6	113.5	108.0	102.8	97.2	91.5	85.8	80.0
57.5°	153.1	147.6	141.9	135.9	129.4	123.2	116.8	109.8	103.3	96.4	89.5
55°	177.3	170.6	163.3	155.3	147.1	139.8	131.9	124.1	116.1	107.4	99.7
52.5°	205.9	197.6	188.2	177.9	168.3	158.5	148.2	139.3	129.6	120.0	110.4
50°	242.3	230.5	217.7	204.7	192.7	179.8	167.8	156.0	144.2	133.1	122.0
47.5°	286.0	270.4	252.8	236.7	220.8	204.8	190.0	174.5	160.9	146.9	134.6
45°	339.1	318.3	295.8	275.2	252.9	233.6	214.7	196.8	179.1	163.2	147.4
42.5°	406.9	376.6	348.0	320.8	292.7	267.3	242.2	221.0	200.1	180.5	162.7
40°	494.2	450.0	413.3	374.2	340.2	306.2	276.2	246.7	223.0	199.8	178.1
37.5°	597.2	545.4	493.0	439.6	395.3	352.6	314.0	279.3	247.0	220.7	195.6
35°	706.2	647.7	584.9	522.2	457.7	405.9	356.8	314.2	276.5	242.5	213.6
32.5°	815.0	750.7	681.6	610.1	537.5	465.0	406.2	353.3	306.2	267.5	233.3
30°	923.6	853.1	777.4	699.3	619.7	538.3	458.0	396.3	341.0	292.4	253.1
27.5°	1032.7	956.3	873.4	787.5	701.7	612.9	523.9	440.6	376.1	321.2	274.8
25°	1141.8	1056.4	967.4	873.9	780.3	685.9	587.6	494.7	415.3	349.9	294.9
22.5°	1251.3	1155.4	1056.2	955.8	855.1	754.3	651.3	547.8	452.6	379.1	318.3
20°	1359.4	1251.7	1143.1	1034.3	925.8	818.0	710.4	599.8	496.3	409.3	340.2
17.5°	1463.6	1343.9	1226.1	1108.1	992.1	877.7	763.3	647.9	535.4	436.3	359.5
15°	1562.8	1432.2	1304.2	1177.5	1052.4	929.6	810.1	690.0	571.0	464.4	380.6
12.5°	1656.5	1514.0	1374.5	1237.0	1104.0	975.3	851.1	727.1	604.5	491.7	399.5
10°	1736.4	1583.5	1433.4	1288.4	1148.7	1014.1	884.9	758.4	633.2	514.5	415.0
7.5°	1801.4	1639.5	1481.2	1329.0	1183.7	1045.1	911.0	782.4	655.9	532.3	426.9
5°	1849.0	1680.7	1516.6	1359.1	1208.0	1067.6	929.4	798.9	672.4	545.0	435.2
2.5°	1878.4	1705.6	1537.7	1377.4	1222.1	1081.1	940.1	808.8	681.8	551.9	440.5
0°	1883.9	1717.2	1544.3	1379.4	1230.2	1085.2	942.9	812.4	684.2	553.4	442.1
-2.5°	1878.4	1705.6	1537.7	1377.4	1222.1	1081.1	940.1	808.8	681.8	551.9	440.5
-5°	1849.0	1680.7	1516.6	1359.1	1208.0	1067.6	929.4	798.9	672.4	545.0	435.2
-7.5°	1801.4	1639.5	1481.2	1329.0	1183.7	1045.1	911.0	782.4	655.9	532.3	426.9
-10°	1736.4	1583.5	1433.4	1288.4	1148.7	1014.1	884.9	758.4	633.2	514.5	415.0
-12.5°	1656.5	1514.0	1374.5	1237.0	1104.0	975.3	851.1	727.1	604.5	491.7	399.5
-15°	1562.8	1432.2	1304.2	1177.5	1052.4	929.6	810.1	690.0	571.0	464.4	380.6
-17.5°	1463.6	1343.9	1226.1	1108.1	992.1	877.7	763.3	647.9	535.4	436.3	359.5
-20°	1359.4	1251.7	1143.1	1034.3	925.8	818.0	710.4	599.8	496.3	409.3	340.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1251.3	1155.4	1056.2	955.8	855.1	754.3	651.3	547.8	452.6	379.1	318.3
-25°	1141.8	1056.4	967.4	873.9	780.3	685.9	587.6	494.7	415.3	349.9	294.9
-27.5°	1032.7	956.3	873.4	787.5	701.7	612.9	523.9	440.6	376.1	321.2	274.8
-30°	923.6	853.1	777.4	699.3	619.7	538.3	458.0	396.3	341.0	292.4	253.1
-32.5°	815.0	750.7	681.6	610.1	537.5	465.0	406.2	353.3	306.2	267.5	233.3
-35°	706.2	647.7	584.9	522.2	457.7	405.9	356.8	314.2	276.5	242.5	213.6
-37.5°	597.2	545.4	493.0	439.6	395.3	352.6	314.0	279.3	247.0	220.7	195.6
-40°	494.2	450.0	413.3	374.2	340.2	306.2	276.2	246.7	223.0	199.8	178.1
-42.5°	406.9	376.6	348.0	320.8	292.7	267.3	242.2	221.0	200.1	180.5	162.7
-45°	339.1	318.3	295.8	275.2	252.9	233.6	214.7	196.8	179.1	163.2	147.4
-47.5°	286.0	270.4	252.8	236.7	220.8	204.8	190.0	174.5	160.9	146.9	134.6
-50°	242.3	230.5	217.7	204.7	192.7	179.8	167.8	156.0	144.2	133.1	122.0
-52.5°	205.9	197.6	188.2	177.9	168.3	158.5	148.2	139.3	129.6	120.0	110.4
-55°	177.3	170.6	163.3	155.3	147.1	139.8	131.9	124.1	116.1	107.4	99.7
-57.5°	153.1	147.6	141.9	135.9	129.4	123.2	116.8	109.8	103.3	96.4	89.5
-60°	132.2	127.7	123.3	118.6	113.5	108.0	102.8	97.2	91.5	85.8	80.0
-62.5°	113.1	110.6	106.6	102.5	98.5	94.5	89.7	84.8	80.1	75.4	70.5
-65°	94.5	92.0	89.1	86.5	83.5	80.0	76.0	72.5	69.1	65.4	61.2
-67.5°	78.3	76.4	74.2	71.9	69.7	67.1	64.5	61.6	58.7	55.3	52.1
-70°	65.3	64.1	62.6	60.6	58.6	56.4	54.1	51.6	48.7	45.5	43.0
-72.5°	54.7	53.9	52.8	51.0	49.1	47.0	44.8	42.4	39.6	36.4	34.1
-75°	45.1	44.6	43.7	42.1	40.4	38.5	36.4	33.9	31.1	27.9	25.5
-77.5°	35.5	35.3	34.8	33.5	32.1	30.8	29.1	26.2	23.3	20.5	18.7
-80°	25.6	25.6	25.3	24.3	23.3	22.2	20.9	18.7	16.5	14.5	13.0
-82.5°	16.2	15.9	15.5	15.0	14.5	13.9	13.3	11.9	10.5	9.2	8.1
-85°	7.2	7.0	6.8	6.8	6.7	6.6	6.5	5.8	5.2	4.6	4.1
-87.5°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.3
-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: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-WR-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°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.6	1.5
85°	4.2	4.3	4.3	4.2	3.9	3.6	3.6	3.6	3.4	3.2	3.0
82.5°	8.4	8.7	8.8	8.8	8.2	7.7	7.0	6.4	5.7	4.9	4.5
80°	13.6	13.9	14.0	13.7	12.7	11.7	10.8	9.9	9.0	7.9	6.8
77.5°	19.1	19.3	19.4	19.1	17.8	16.5	15.0	13.5	12.2	10.9	9.5
75°	25.1	25.1	25.1	24.4	22.9	21.2	19.5	17.6	15.7	13.9	12.2
72.5°	32.8	31.7	30.9	29.9	28.2	26.3	24.1	21.6	19.2	17.0	14.9
70°	40.8	38.6	36.9	35.3	33.4	31.4	29.0	25.8	22.7	20.0	17.4
67.5°	49.2	46.5	43.7	40.8	38.5	36.2	33.8	30.0	26.2	22.9	19.9
65°	57.5	54.0	50.9	47.1	43.8	41.0	38.2	34.0	29.6	25.8	22.3
62.5°	65.7	61.2	57.2	53.1	49.2	45.7	42.5	37.7	32.9	28.5	24.6
60°	74.2	68.9	63.5	58.8	54.3	50.1	46.1	41.2	36.1	31.1	26.8
57.5°	83.0	76.6	70.5	64.6	59.4	54.5	49.6	44.5	39.2	33.8	28.7
55°	92.0	84.7	77.4	70.7	64.5	59.0	53.2	47.7	42.1	36.4	30.3
52.5°	101.5	93.0	84.8	76.9	69.8	63.3	57.1	50.8	44.9	38.8	32.0
50°	111.6	101.7	92.5	83.7	75.1	67.9	60.8	54.2	47.6	41.2	33.6
47.5°	122.2	111.0	100.5	90.4	81.2	72.3	64.8	57.5	50.3	43.6	35.0
45°	133.9	120.6	108.7	97.7	87.0	77.3	68.6	60.7	53.2	45.3	36.3
42.5°	145.6	130.9	117.3	104.7	93.2	82.3	72.3	64.0	56.0	46.9	37.6
40°	159.1	141.5	125.9	112.2	99.4	87.2	76.6	67.2	58.6	48.4	38.8
37.5°	172.3	152.8	135.3	119.5	105.5	92.6	80.8	70.3	60.6	50.1	39.9
35°	187.9	164.6	144.2	127.1	111.8	97.8	84.6	73.4	62.8	51.7	40.9
32.5°	203.0	176.5	154.2	134.9	117.8	102.7	88.8	76.6	65.1	53.3	41.8
30°	219.6	189.5	163.7	142.2	123.7	107.8	92.9	79.6	67.4	54.7	42.6
27.5°	235.5	201.5	173.0	149.9	129.9	112.5	96.8	82.4	69.7	56.3	43.7
25°	251.3	214.4	183.2	157.3	135.7	116.8	100.4	85.0	72.0	58.0	44.7
22.5°	268.5	227.0	192.3	163.9	140.8	120.7	103.7	87.9	74.0	59.6	45.5
20°	284.3	238.3	200.5	170.3	146.0	124.9	106.9	90.5	75.9	61.1	46.2
17.5°	299.2	249.8	209.7	177.1	150.8	128.7	109.7	92.8	77.5	62.5	46.7
15°	314.8	261.2	217.9	183.1	155.1	131.9	112.1	94.7	78.9	63.8	47.3
12.5°	328.1	270.9	224.8	188.1	158.6	134.6	114.0	96.4	80.1	64.9	47.8
10°	339.1	278.7	230.4	192.1	161.5	136.7	115.6	97.7	81.1	65.7	48.0
7.5°	347.6	284.7	234.6	195.2	163.6	138.4	116.9	98.7	81.9	66.3	48.1
5°	353.6	288.9	237.7	197.3	165.3	139.6	117.9	99.4	82.4	66.6	47.9
2.5°	356.7	291.2	239.6	198.5	166.3	140.3	118.4	99.7	82.6	66.6	47.6
0°	357.2	291.6	240.1	198.6	166.5	140.4	118.5	99.7	82.6	66.4	47.1
-2.5°	356.7	291.2	239.6	198.5	166.3	140.3	118.4	99.7	82.6	66.6	47.6
-5°	353.6	288.9	237.7	197.3	165.3	139.6	117.9	99.4	82.4	66.6	47.9
-7.5°	347.6	284.7	234.6	195.2	163.6	138.4	116.9	98.7	81.9	66.3	48.1
-10°	339.1	278.7	230.4	192.1	161.5	136.7	115.6	97.7	81.1	65.7	48.0
-12.5°	328.1	270.9	224.8	188.1	158.6	134.6	114.0	96.4	80.1	64.9	47.8
-15°	314.8	261.2	217.9	183.1	155.1	131.9	112.1	94.7	78.9	63.8	47.3
-17.5°	299.2	249.8	209.7	177.1	150.8	128.7	109.7	92.8	77.5	62.5	46.7
-20°	284.3	238.3	200.5	170.3	146.0	124.9	106.9	90.5	75.9	61.1	46.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	268.5	227.0	192.3	163.9	140.8	120.7	103.7	87.9	74.0	59.6	45.5
-25°	251.3	214.4	183.2	157.3	135.7	116.8	100.4	85.0	72.0	58.0	44.7
-27.5°	235.5	201.5	173.0	149.9	129.9	112.5	96.8	82.4	69.7	56.3	43.7
-30°	219.6	189.5	163.7	142.2	123.7	107.8	92.9	79.6	67.4	54.7	42.6
-32.5°	203.0	176.5	154.2	134.9	117.8	102.7	88.8	76.6	65.1	53.3	41.8
-35°	187.9	164.6	144.2	127.1	111.8	97.8	84.6	73.4	62.8	51.7	40.9
-37.5°	172.3	152.8	135.3	119.5	105.5	92.6	80.8	70.3	60.6	50.1	39.9
-40°	159.1	141.5	125.9	112.2	99.4	87.2	76.6	67.2	58.6	48.4	38.8
-42.5°	145.6	130.9	117.3	104.7	93.2	82.3	72.3	64.0	56.0	46.9	37.6
-45°	133.9	120.6	108.7	97.7	87.0	77.3	68.6	60.7	53.2	45.3	36.3
-47.5°	122.2	111.0	100.5	90.4	81.2	72.3	64.8	57.5	50.3	43.6	35.0
-50°	111.6	101.7	92.5	83.7	75.1	67.9	60.8	54.2	47.6	41.2	33.6
-52.5°	101.5	93.0	84.8	76.9	69.8	63.3	57.1	50.8	44.9	38.8	32.0
-55°	92.0	84.7	77.4	70.7	64.5	59.0	53.2	47.7	42.1	36.4	30.3
-57.5°	83.0	76.6	70.5	64.6	59.4	54.5	49.6	44.5	39.2	33.8	28.7
-60°	74.2	68.9	63.5	58.8	54.3	50.1	46.1	41.2	36.1	31.1	26.8
-62.5°	65.7	61.2	57.2	53.1	49.2	45.7	42.5	37.7	32.9	28.5	24.6
-65°	57.5	54.0	50.9	47.1	43.8	41.0	38.2	34.0	29.6	25.8	22.3
-67.5°	49.2	46.5	43.7	40.8	38.5	36.2	33.8	30.0	26.2	22.9	19.9
-70°	40.8	38.6	36.9	35.3	33.4	31.4	29.0	25.8	22.7	20.0	17.4
-72.5°	32.8	31.7	30.9	29.9	28.2	26.3	24.1	21.6	19.2	17.0	14.9
-75°	25.1	25.1	25.1	24.4	22.9	21.2	19.5	17.6	15.7	13.9	12.2
-77.5°	19.1	19.3	19.4	19.1	17.8	16.5	15.0	13.5	12.2	10.9	9.5
-80°	13.6	13.9	14.0	13.7	12.7	11.7	10.8	9.9	9.0	7.9	6.8
-82.5°	8.4	8.7	8.8	8.8	8.2	7.7	7.0	6.4	5.7	4.9	4.5
-85°	4.2	4.3	4.3	4.2	3.9	3.6	3.6	3.6	3.4	3.2	3.0
-87.5°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.6	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626573 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-WR-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°	1.3	1.0	0.8	0.5	0.3	0.1	0.0
85°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
82.5°	4.0	3.1	2.3	1.6	1.0	0.4	0.0
80°	5.5	4.2	3.1	2.1	1.3	0.6	0.0
77.5°	7.8	5.4	3.8	2.7	1.6	0.7	0.0
75°	10.0	7.1	4.7	3.2	1.9	0.8	0.0
72.5°	12.2	8.7	5.8	3.7	2.3	1.0	0.0
70°	14.3	10.2	6.8	4.2	2.6	1.1	0.0
67.5°	16.1	11.7	7.9	4.9	2.8	1.2	0.0
65°	17.9	13.1	8.9	5.5	3.1	1.4	0.0
62.5°	19.5	14.3	9.8	6.1	3.4	1.5	0.0
60°	21.1	15.5	10.6	6.7	3.7	1.6	0.0
57.5°	22.4	16.6	11.4	7.2	4.0	1.7	0.0
55°	23.7	17.6	12.2	7.7	4.3	1.8	0.0
52.5°	24.9	18.5	12.9	8.1	4.6	1.9	0.0
50°	25.9	19.4	13.5	8.5	4.9	2.0	0.0
47.5°	26.9	20.1	14.1	8.9	5.1	2.1	0.0
45°	28.0	20.8	14.5	9.2	5.4	2.2	0.0
42.5°	29.0	21.4	15.0	9.5	5.6	2.3	0.0
40°	29.8	21.9	15.4	9.9	5.8	2.4	0.0
37.5°	30.6	22.3	15.7	10.3	6.1	2.5	0.0
35°	31.2	22.8	16.0	10.6	6.3	2.5	0.0
32.5°	31.7	23.2	16.2	10.9	6.4	2.6	0.0
30°	32.4	23.5	16.4	11.1	6.6	2.6	0.0
27.5°	32.9	23.8	16.7	11.4	6.7	2.7	0.0
25°	33.3	23.9	17.1	11.6	6.9	2.7	0.0
22.5°	33.5	24.1	17.4	11.8	7.0	2.8	0.0
20°	33.7	24.6	17.6	11.9	7.1	2.8	0.0
17.5°	34.1	24.9	17.8	12.0	7.1	2.8	0.0
15°	34.5	25.2	18.0	12.1	7.2	2.8	0.0
12.5°	34.9	25.4	18.1	12.2	7.2	2.8	0.0
10°	35.1	25.5	18.2	12.2	7.3	2.8	0.0
7.5°	35.2	25.6	18.3	12.2	7.3	2.8	0.0
5°	35.1	25.6	18.3	12.2	7.3	2.8	0.0
2.5°	35.0	25.5	18.2	12.1	7.2	2.8	0.0
0°	34.7	25.3	18.1	12.0	7.2	2.8	0.0
-2.5°	35.0	25.5	18.2	12.1	7.2	2.8	0.0
-5°	35.1	25.6	18.3	12.2	7.3	2.8	0.0
-7.5°	35.2	25.6	18.3	12.2	7.3	2.8	0.0
-10°	35.1	25.5	18.2	12.2	7.3	2.8	0.0
-12.5°	34.9	25.4	18.1	12.2	7.2	2.8	0.0
-15°	34.5	25.2	18.0	12.1	7.2	2.8	0.0
-17.5°	34.1	24.9	17.8	12.0	7.1	2.8	0.0
-20°	33.7	24.6	17.6	11.9	7.1	2.8	0.0

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CATALOG NUMBER: GFLD-SA1A-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.5	24.1	17.4	11.8	7.0	2.8	0.0
-25°	33.3	23.9	17.1	11.6	6.9	2.7	0.0
-27.5°	32.9	23.8	16.7	11.4	6.7	2.7	0.0
-30°	32.4	23.5	16.4	11.1	6.6	2.6	0.0
-32.5°	31.7	23.2	16.2	10.9	6.4	2.6	0.0
-35°	31.2	22.8	16.0	10.6	6.3	2.5	0.0
-37.5°	30.6	22.3	15.7	10.3	6.1	2.5	0.0
-40°	29.8	21.9	15.4	9.9	5.8	2.4	0.0
-42.5°	29.0	21.4	15.0	9.5	5.6	2.3	0.0
-45°	28.0	20.8	14.5	9.2	5.4	2.2	0.0
-47.5°	26.9	20.1	14.1	8.9	5.1	2.1	0.0
-50°	25.9	19.4	13.5	8.5	4.9	2.0	0.0
-52.5°	24.9	18.5	12.9	8.1	4.6	1.9	0.0
-55°	23.7	17.6	12.2	7.7	4.3	1.8	0.0
-57.5°	22.4	16.6	11.4	7.2	4.0	1.7	0.0
-60°	21.1	15.5	10.6	6.7	3.7	1.6	0.0
-62.5°	19.5	14.3	9.8	6.1	3.4	1.5	0.0
-65°	17.9	13.1	8.9	5.5	3.1	1.4	0.0
-67.5°	16.1	11.7	7.9	4.9	2.8	1.2	0.0
-70°	14.3	10.2	6.8	4.2	2.6	1.1	0.0
-72.5°	12.2	8.7	5.8	3.7	2.3	1.0	0.0
-75°	10.0	7.1	4.7	3.2	1.9	0.8	0.0
-77.5°	7.8	5.4	3.8	2.7	1.6	0.7	0.0
-80°	5.5	4.2	3.1	2.1	1.3	0.6	0.0
-82.5°	4.0	3.1	2.3	1.6	1.0	0.4	0.0
-85°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-87.5°	1.3	1.0	0.8	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)