

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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
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-VWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

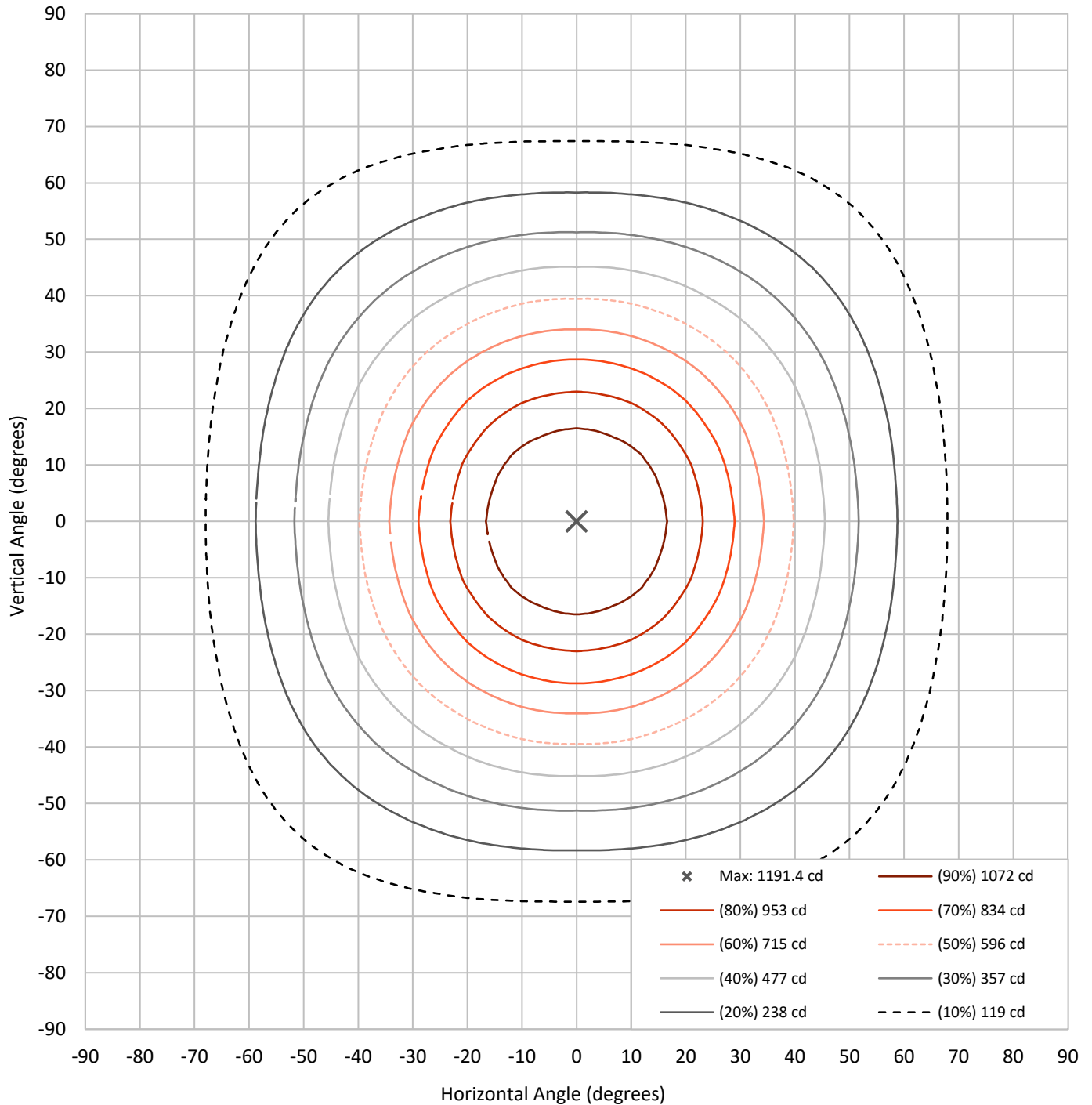
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2153.4 lumens	Max Intensity:	1191.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	1263 lumens	Field Lumens:	2052.9 lumens
Beam Efficiency:	58.6%	Field Efficiency:	95.3%
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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-722-U-VWR-XX

### Iso-Candela Plot





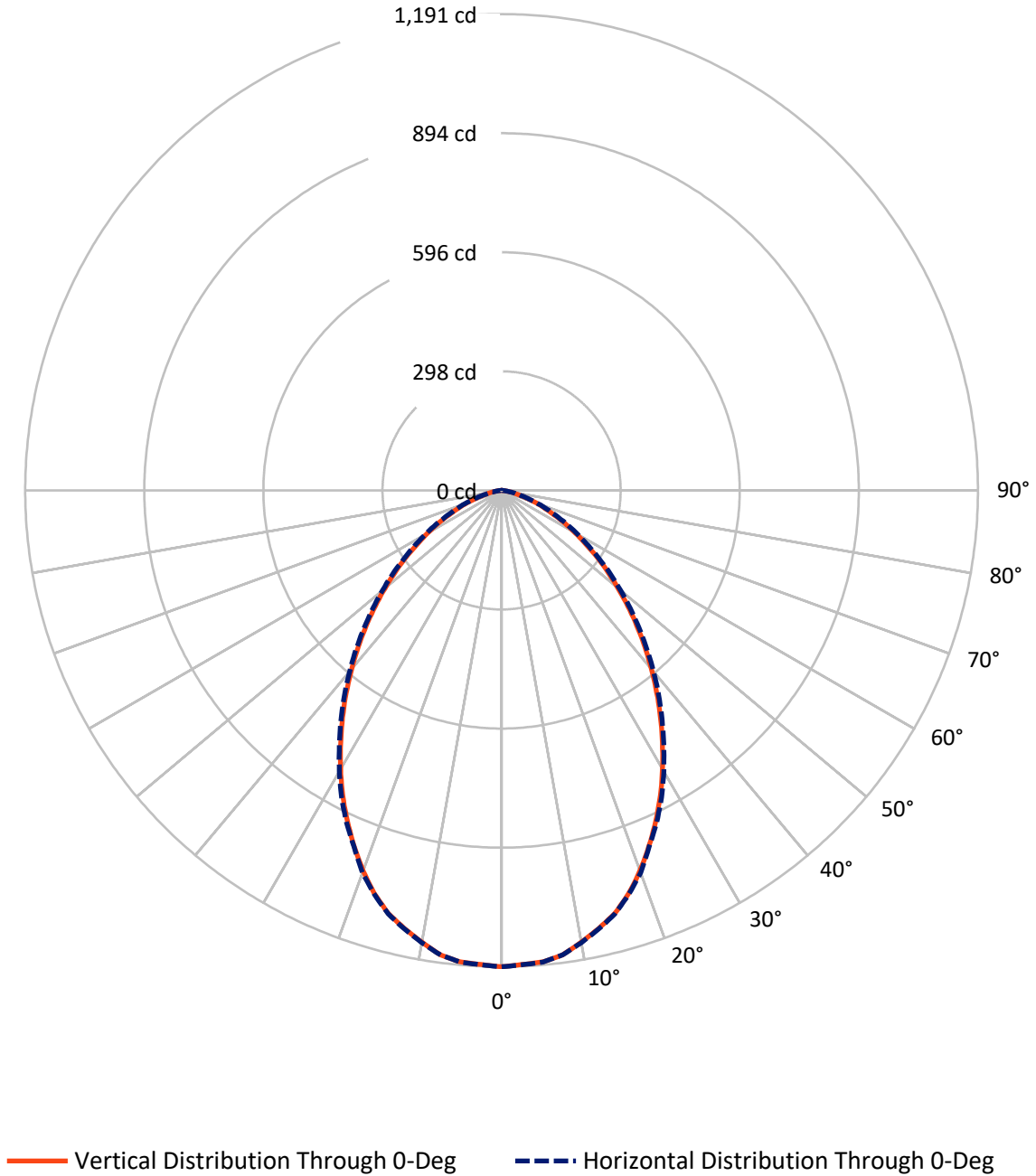
REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-XX

### Lumen Table

90																			
80	0.1	0.9	2.4	4.1	3.8	4.1	2.4	0.9	0.1										
70																			
60	0.4	0.6	1.1	1.9	2.8	3.6	4.2	4.5	4.5	4.2	3.6	2.8	1.9	1.1	0.6	0.4			
50																			
40	0.7	0.8	1.8	3.2	4.9	6.6	8.1	8.8	8.8	8.1	6.6	4.9	3.2	1.8	0.8	0.7			
30																			
20	0.9	1.1	2.6	4.8	7.7	10.6	13.1	14.5	14.5	13.1	10.6	7.7	4.8	2.6	1.1	0.9			
10																			
0	1.0	1.4	3.5	6.7	10.7	15.0	18.7	20.8	20.8	18.7	15.0	10.7	6.7	3.5	1.4	1.0			
-10																			
-20	0.9	1.7	4.3	8.4	13.7	19.4	24.4	27.2	27.2	24.4	19.4	13.7	8.4	4.3	1.7	0.9			
-30																			
-40	0.7	1.9	4.9	9.7	15.9	22.9	29.0	32.5	32.5	29.0	22.9	15.9	9.7	4.9	1.9	0.7			
-50																			
-60	0.4	2.0	5.2	10.4	17.2	24.9	31.6	35.2	35.2	31.6	24.9	17.2	10.4	5.2	2.0	0.4			
-70																			
-80	0.1	2.0	5.2	10.4	17.2	24.9	31.6	35.2	35.2	31.6	24.9	17.2	10.4	5.2	2.0	0.1			
-90																			

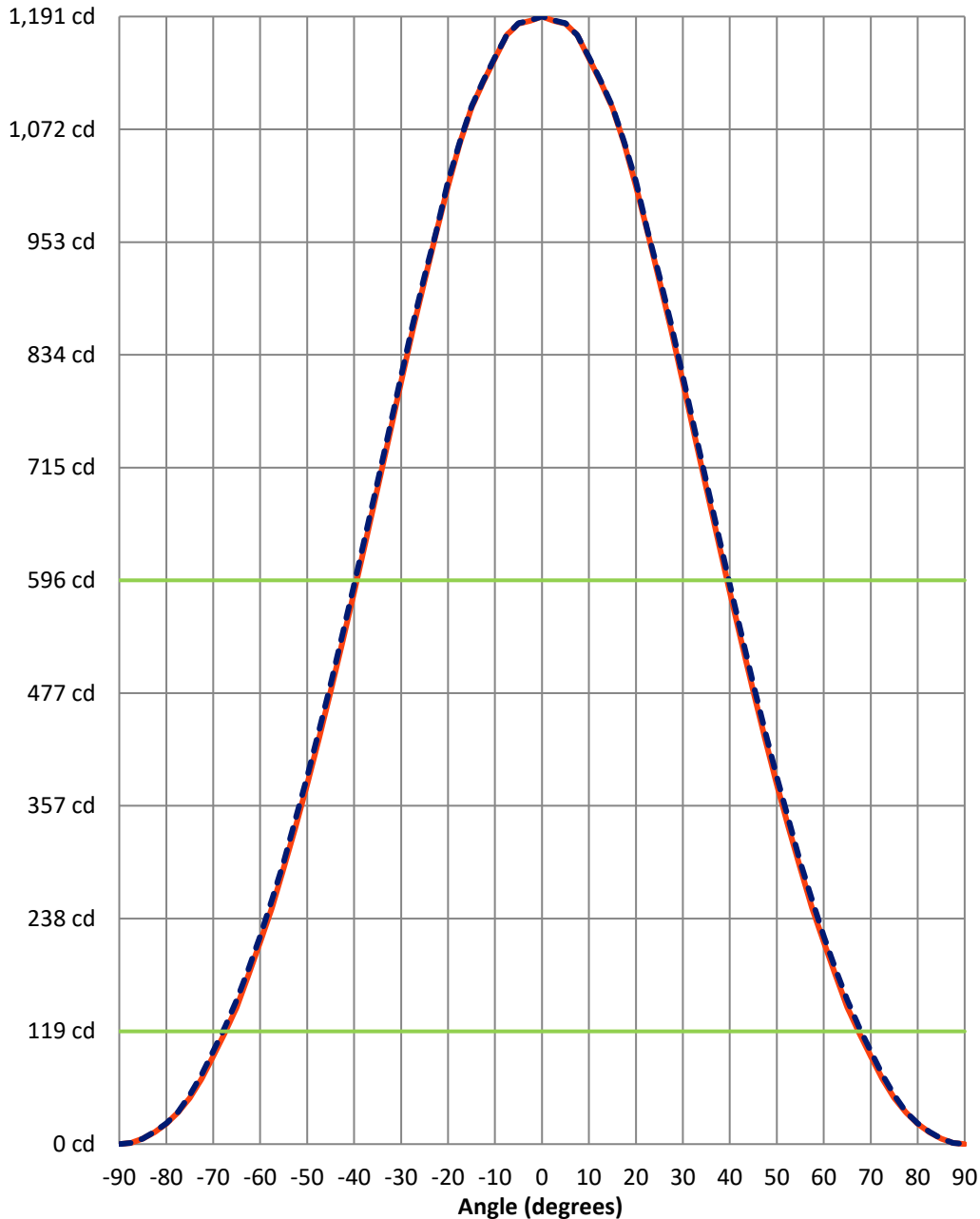
REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-722-U-VWR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 1263  
 Efficiency: 58.6%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 2052.9  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 100.5  
 Efficiency: 4.7%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

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	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	2.0	3.2	4.3
80°	0.0	0.3	0.6	0.9	1.2	1.6	2.1	3.7	5.3	6.8	8.2
77.5°	0.0	0.3	0.8	1.2	1.6	2.4	4.5	6.6	8.5	10.4	12.7
75°	0.0	0.4	0.9	1.4	2.0	4.2	6.9	9.4	11.8	15.2	18.7
72.5°	0.0	0.5	1.1	1.6	3.2	5.9	9.2	12.5	16.3	20.3	24.6
70°	0.0	0.5	1.2	1.9	4.4	7.5	11.6	16.2	20.6	25.4	30.9
67.5°	0.0	0.6	1.3	2.6	5.5	9.1	14.3	19.8	24.9	30.9	37.2
65°	0.0	0.6	1.5	3.3	6.5	10.9	17.0	23.3	29.5	36.2	43.1
62.5°	0.0	0.7	1.6	4.0	7.5	12.8	19.5	26.9	33.9	41.3	48.4
60°	0.0	0.8	1.7	4.6	8.5	14.7	21.9	30.6	38.2	46.1	53.6
57.5°	0.0	0.8	2.1	5.2	9.7	16.4	24.4	34.0	42.4	50.8	58.6
55°	0.0	0.9	2.4	5.7	10.9	18.0	26.8	36.9	46.5	55.3	63.3
52.5°	0.0	0.9	2.7	6.2	12.0	19.5	29.0	39.9	50.6	59.5	67.9
50°	0.0	1.0	3.1	6.7	13.0	21.1	31.0	42.8	54.4	63.5	73.2
47.5°	0.0	1.0	3.3	7.2	14.0	22.6	32.9	45.4	57.9	67.4	78.4
45°	0.0	1.0	3.6	7.8	14.8	23.9	35.0	47.9	60.6	71.9	83.4
42.5°	0.0	1.1	3.9	8.3	15.6	25.1	36.9	50.2	63.2	76.1	89.2
40°	0.0	1.1	4.1	8.9	16.3	26.2	38.7	52.3	65.9	80.1	94.9
37.5°	0.0	1.2	4.4	9.5	17.1	27.1	40.2	54.4	68.9	83.9	100.3
35°	0.0	1.2	4.6	10.0	17.7	28.1	41.6	56.3	71.9	88.2	105.6
32.5°	0.0	1.2	4.8	10.5	18.2	29.1	42.9	58.1	74.8	92.4	111.3
30°	0.0	1.2	5.0	11.0	18.7	30.0	44.2	59.9	77.5	96.4	116.6
27.5°	0.0	1.3	5.2	11.4	19.3	30.7	45.4	62.0	80.4	100.1	121.6
25°	0.0	1.3	5.3	11.7	19.9	31.3	46.5	63.9	83.3	104.0	126.2
22.5°	0.0	1.3	5.4	12.0	20.4	31.8	47.4	65.7	86.0	107.6	131.0
20°	0.0	1.3	5.5	12.3	20.9	32.6	48.1	67.3	88.5	110.9	135.4
17.5°	0.0	1.3	5.6	12.6	21.3	33.3	49.0	68.7	90.7	113.7	139.2
15°	0.0	1.3	5.7	12.8	21.6	33.8	50.0	70.1	92.6	116.2	142.5
12.5°	0.0	1.3	5.8	12.9	21.8	34.1	50.8	71.3	94.3	118.2	145.3
10°	0.0	1.3	5.8	13.0	22.0	34.3	51.4	72.3	95.8	120.1	147.7
7.5°	0.0	1.3	5.8	13.1	22.1	34.4	51.8	73.0	97.0	121.7	149.7
5°	0.0	1.3	5.8	13.1	22.1	34.4	52.0	73.3	97.7	122.8	151.1
2.5°	0.0	1.3	5.8	13.1	22.0	34.2	52.0	73.4	98.2	123.5	152.0
0°	0.0	1.3	5.8	13.0	21.9	33.9	51.8	73.2	98.2	123.7	152.3
-2.5°	0.0	1.3	5.8	13.1	22.0	34.2	52.0	73.4	98.2	123.5	152.0
-5°	0.0	1.3	5.8	13.1	22.1	34.4	52.0	73.3	97.7	122.8	151.1
-7.5°	0.0	1.3	5.8	13.1	22.1	34.4	51.8	73.0	97.0	121.7	149.7
-10°	0.0	1.3	5.8	13.0	22.0	34.3	51.4	72.3	95.8	120.1	147.7
-12.5°	0.0	1.3	5.8	12.9	21.8	34.1	50.8	71.3	94.3	118.2	145.3
-15°	0.0	1.3	5.7	12.8	21.6	33.8	50.0	70.1	92.6	116.2	142.5
-17.5°	0.0	1.3	5.6	12.6	21.3	33.3	49.0	68.7	90.7	113.7	139.2
-20°	0.0	1.3	5.5	12.3	20.9	32.6	48.1	67.3	88.5	110.9	135.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	5.4	12.0	20.4	31.8	47.4	65.7	86.0	107.6	131.0
-25°	0.0	1.3	5.3	11.7	19.9	31.3	46.5	63.9	83.3	104.0	126.2
-27.5°	0.0	1.3	5.2	11.4	19.3	30.7	45.4	62.0	80.4	100.1	121.6
-30°	0.0	1.2	5.0	11.0	18.7	30.0	44.2	59.9	77.5	96.4	116.6
-32.5°	0.0	1.2	4.8	10.5	18.2	29.1	42.9	58.1	74.8	92.4	111.3
-35°	0.0	1.2	4.6	10.0	17.7	28.1	41.6	56.3	71.9	88.2	105.6
-37.5°	0.0	1.2	4.4	9.5	17.1	27.1	40.2	54.4	68.9	83.9	100.3
-40°	0.0	1.1	4.1	8.9	16.3	26.2	38.7	52.3	65.9	80.1	94.9
-42.5°	0.0	1.1	3.9	8.3	15.6	25.1	36.9	50.2	63.2	76.1	89.2
-45°	0.0	1.0	3.6	7.8	14.8	23.9	35.0	47.9	60.6	71.9	83.4
-47.5°	0.0	1.0	3.3	7.2	14.0	22.6	32.9	45.4	57.9	67.4	78.4
-50°	0.0	1.0	3.1	6.7	13.0	21.1	31.0	42.8	54.4	63.5	73.2
-52.5°	0.0	0.9	2.7	6.2	12.0	19.5	29.0	39.9	50.6	59.5	67.9
-55°	0.0	0.9	2.4	5.7	10.9	18.0	26.8	36.9	46.5	55.3	63.3
-57.5°	0.0	0.8	2.1	5.2	9.7	16.4	24.4	34.0	42.4	50.8	58.6
-60°	0.0	0.8	1.7	4.6	8.5	14.7	21.9	30.6	38.2	46.1	53.6
-62.5°	0.0	0.7	1.6	4.0	7.5	12.8	19.5	26.9	33.9	41.3	48.4
-65°	0.0	0.6	1.5	3.3	6.5	10.9	17.0	23.3	29.5	36.2	43.1
-67.5°	0.0	0.6	1.3	2.6	5.5	9.1	14.3	19.8	24.9	30.9	37.2
-70°	0.0	0.5	1.2	1.9	4.4	7.5	11.6	16.2	20.6	25.4	30.9
-72.5°	0.0	0.5	1.1	1.6	3.2	5.9	9.2	12.5	16.3	20.3	24.6
-75°	0.0	0.4	0.9	1.4	2.0	4.2	6.9	9.4	11.8	15.2	18.7
-77.5°	0.0	0.3	0.8	1.2	1.6	2.4	4.5	6.6	8.5	10.4	12.7
-80°	0.0	0.3	0.6	0.9	1.2	1.6	2.1	3.7	5.3	6.8	8.2
-82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	2.0	3.2	4.3
-85°	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-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°	0.9	1.0	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4
85°	1.7	2.0	2.8	3.5	3.9	4.1	4.2	4.2	4.9	5.7	6.5
82.5°	5.4	6.6	7.6	8.7	8.9	8.9	8.8	8.9	10.5	12.3	14.2
80°	9.7	11.1	13.0	14.7	15.4	15.8	15.9	15.9	17.9	20.6	23.5
77.5°	15.4	17.8	19.8	21.6	22.5	23.4	24.1	24.6	27.2	30.6	34.0
75°	21.8	24.4	27.0	29.3	30.9	32.1	33.2	35.0	38.4	42.4	45.9
72.5°	28.6	32.0	34.9	37.4	39.6	42.0	44.6	47.5	51.1	55.1	58.8
70°	35.9	39.6	42.7	45.6	48.7	52.2	56.2	60.1	64.1	68.5	72.8
67.5°	43.0	46.6	50.2	53.9	58.5	63.2	67.9	73.3	78.8	83.7	88.1
65°	49.2	53.4	57.9	63.0	68.6	74.6	80.9	87.4	94.4	100.2	105.6
62.5°	55.2	60.2	65.6	71.9	79.1	86.3	94.3	102.4	110.2	117.2	123.5
60°	60.6	66.7	73.6	81.3	89.7	99.2	108.3	117.5	126.2	134.0	142.1
57.5°	65.9	73.6	81.8	91.1	101.7	112.4	123.1	133.0	142.8	152.3	161.4
55°	71.5	80.7	90.6	102.0	113.9	126.5	138.1	149.1	159.9	171.5	182.5
52.5°	77.7	88.0	100.3	113.1	126.8	140.4	153.0	165.6	178.7	191.8	206.1
50°	83.7	96.4	109.9	124.8	139.7	154.2	168.7	183.3	198.9	215.0	231.2
47.5°	90.6	104.6	120.5	136.5	152.7	168.9	185.1	202.6	220.4	239.0	256.9
45°	97.7	113.3	130.5	148.6	166.2	184.0	203.0	222.4	243.1	263.6	285.2
42.5°	104.3	122.1	141.0	160.5	180.0	200.0	220.9	243.5	266.2	289.9	313.6
40°	111.7	130.4	151.2	172.7	193.9	216.1	239.9	264.4	290.1	316.1	341.9
37.5°	118.8	139.3	161.3	184.4	208.2	232.5	258.4	286.2	314.1	342.1	370.5
35°	125.5	147.8	171.6	196.1	221.4	249.1	277.9	307.7	337.9	368.1	398.7
32.5°	132.3	155.8	181.4	207.7	235.6	265.2	296.9	329.1	361.3	393.6	427.0
30°	139.2	164.2	191.0	218.7	249.1	281.5	315.5	349.6	383.6	419.2	454.8
27.5°	145.7	172.2	200.4	230.0	262.2	296.5	332.6	369.1	405.8	443.7	481.7
25°	151.6	179.8	209.1	240.9	275.0	310.9	348.6	386.7	427.0	467.4	507.1
22.5°	157.5	186.7	217.2	251.0	286.6	324.4	363.6	403.8	445.9	489.3	530.5
20°	163.1	193.3	225.0	260.1	296.9	336.5	377.2	419.4	463.5	508.1	552.3
17.5°	168.1	199.2	232.3	268.6	306.9	347.5	389.5	433.0	479.1	525.3	572.2
15°	172.4	204.3	238.7	276.0	315.7	357.6	400.9	445.6	492.9	541.1	589.8
12.5°	176.1	208.6	244.0	282.3	323.2	366.2	410.6	457.0	505.5	555.0	605.2
10°	179.0	212.1	248.3	287.5	329.2	373.3	418.7	466.4	516.4	566.9	618.1
7.5°	181.6	215.1	251.7	291.5	333.9	378.9	425.0	473.7	525.0	576.2	628.5
5°	183.4	217.5	254.9	294.8	338.0	383.2	429.7	478.9	531.2	582.8	636.0
2.5°	184.5	219.0	257.0	297.0	341.2	386.5	433.9	483.5	535.9	588.0	641.7
0°	184.9	219.7	258.1	297.9	343.0	388.1	436.3	485.9	538.1	591.2	645.3
-2.5°	184.5	219.0	257.0	297.0	341.2	386.5	433.9	483.5	535.9	588.0	641.7
-5°	183.4	217.5	254.9	294.8	338.0	383.2	429.7	478.9	531.2	582.8	636.0
-7.5°	181.6	215.1	251.7	291.5	333.9	378.9	425.0	473.7	525.0	576.2	628.5
-10°	179.0	212.1	248.3	287.5	329.2	373.3	418.7	466.4	516.4	566.9	618.1
-12.5°	176.1	208.6	244.0	282.3	323.2	366.2	410.6	457.0	505.5	555.0	605.2
-15°	172.4	204.3	238.7	276.0	315.7	357.6	400.9	445.6	492.9	541.1	589.8
-17.5°	168.1	199.2	232.3	268.6	306.9	347.5	389.5	433.0	479.1	525.3	572.2
-20°	163.1	193.3	225.0	260.1	296.9	336.5	377.2	419.4	463.5	508.1	552.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	157.5	186.7	217.2	251.0	286.6	324.4	363.6	403.8	445.9	489.3	530.5
-25°	151.6	179.8	209.1	240.9	275.0	310.9	348.6	386.7	427.0	467.4	507.1
-27.5°	145.7	172.2	200.4	230.0	262.2	296.5	332.6	369.1	405.8	443.7	481.7
-30°	139.2	164.2	191.0	218.7	249.1	281.5	315.5	349.6	383.6	419.2	454.8
-32.5°	132.3	155.8	181.4	207.7	235.6	265.2	296.9	329.1	361.3	393.6	427.0
-35°	125.5	147.8	171.6	196.1	221.4	249.1	277.9	307.7	337.9	368.1	398.7
-37.5°	118.8	139.3	161.3	184.4	208.2	232.5	258.4	286.2	314.1	342.1	370.5
-40°	111.7	130.4	151.2	172.7	193.9	216.1	239.9	264.4	290.1	316.1	341.9
-42.5°	104.3	122.1	141.0	160.5	180.0	200.0	220.9	243.5	266.2	289.9	313.6
-45°	97.7	113.3	130.5	148.6	166.2	184.0	203.0	222.4	243.1	263.6	285.2
-47.5°	90.6	104.6	120.5	136.5	152.7	168.9	185.1	202.6	220.4	239.0	256.9
-50°	83.7	96.4	109.9	124.8	139.7	154.2	168.7	183.3	198.9	215.0	231.2
-52.5°	77.7	88.0	100.3	113.1	126.8	140.4	153.0	165.6	178.7	191.8	206.1
-55°	71.5	80.7	90.6	102.0	113.9	126.5	138.1	149.1	159.9	171.5	182.5
-57.5°	65.9	73.6	81.8	91.1	101.7	112.4	123.1	133.0	142.8	152.3	161.4
-60°	60.6	66.7	73.6	81.3	89.7	99.2	108.3	117.5	126.2	134.0	142.1
-62.5°	55.2	60.2	65.6	71.9	79.1	86.3	94.3	102.4	110.2	117.2	123.5
-65°	49.2	53.4	57.9	63.0	68.6	74.6	80.9	87.4	94.4	100.2	105.6
-67.5°	43.0	46.6	50.2	53.9	58.5	63.2	67.9	73.3	78.8	83.7	88.1
-70°	35.9	39.6	42.7	45.6	48.7	52.2	56.2	60.1	64.1	68.5	72.8
-72.5°	28.6	32.0	34.9	37.4	39.6	42.0	44.6	47.5	51.1	55.1	58.8
-75°	21.8	24.4	27.0	29.3	30.9	32.1	33.2	35.0	38.4	42.4	45.9
-77.5°	15.4	17.8	19.8	21.6	22.5	23.4	24.1	24.6	27.2	30.6	34.0
-80°	9.7	11.1	13.0	14.7	15.4	15.8	15.9	15.9	17.9	20.6	23.5
-82.5°	5.4	6.6	7.6	8.7	8.9	8.9	8.8	8.9	10.5	12.3	14.2
-85°	1.7	2.0	2.8	3.5	3.9	4.1	4.2	4.2	4.9	5.7	6.5
-87.5°	0.9	1.0	1.1	1.3	1.3	1.3	1.3	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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-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	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.5
85°	7.5	8.0	8.5	9.0	9.4	9.8	10.2	10.6	10.9	10.0	8.9
82.5°	16.1	17.4	18.6	19.9	21.1	21.4	21.5	21.4	21.2	19.6	17.7
80°	26.3	28.5	30.5	32.6	34.6	34.8	34.6	34.2	33.6	31.4	29.0
77.5°	37.4	40.2	42.6	44.8	46.8	47.2	47.1	47.0	46.8	44.6	41.9
75°	48.8	51.5	54.1	56.3	58.2	59.0	59.4	59.7	59.9	58.3	56.2
72.5°	62.0	64.8	67.1	69.2	71.1	72.4	73.3	74.0	74.5	74.0	73.2
70°	76.4	79.3	81.9	84.3	86.8	88.8	90.3	91.3	92.0	92.5	92.8
67.5°	92.5	96.5	100.1	103.1	106.1	108.9	111.2	113.0	114.5	115.7	116.6
65°	110.7	115.9	120.4	124.7	128.5	132.6	135.9	138.7	140.9	142.8	144.3
62.5°	129.8	136.1	142.0	147.7	153.3	158.8	163.0	166.9	170.3	173.2	175.6
60°	149.7	156.9	164.8	172.3	179.2	185.5	191.8	197.3	201.9	205.8	208.9
57.5°	171.1	180.4	189.6	199.0	207.8	216.1	223.8	230.6	236.4	241.1	245.1
55°	194.2	205.8	216.5	228.3	239.7	250.1	259.2	267.2	274.1	280.0	284.9
52.5°	219.5	233.7	247.6	261.0	273.9	285.9	296.8	306.2	314.5	321.6	327.3
50°	247.3	263.5	279.6	294.5	309.3	323.2	335.7	346.6	356.3	364.6	371.2
47.5°	276.3	294.7	312.7	329.8	346.2	361.7	375.3	387.6	399.7	409.5	417.3
45°	306.4	327.1	347.0	366.5	384.6	401.9	418.7	434.0	446.4	457.2	466.4
42.5°	337.0	360.1	382.2	403.6	423.5	443.5	462.3	479.1	493.2	505.6	515.9
40°	367.9	393.1	417.6	440.9	463.7	485.4	505.8	523.5	539.4	554.1	566.3
37.5°	398.6	426.4	453.5	479.6	504.7	528.3	550.3	570.3	588.3	605.0	618.5
35°	429.5	460.0	489.7	518.4	545.7	571.8	595.9	618.7	639.9	656.8	670.6
32.5°	460.3	493.1	525.4	556.9	586.9	615.0	641.1	666.3	688.1	706.6	722.5
30°	490.1	525.6	560.8	595.0	627.3	657.8	686.7	713.3	736.8	757.1	774.9
27.5°	519.4	557.5	595.2	631.7	666.7	699.8	731.3	760.2	785.8	807.9	826.7
25°	547.0	587.9	628.2	666.9	704.3	740.7	774.8	806.4	833.7	857.9	877.2
22.5°	573.3	617.0	659.3	700.0	740.0	779.3	816.7	849.6	878.5	903.8	925.3
20°	597.9	644.8	688.0	731.1	773.2	815.2	855.2	890.0	920.6	947.6	971.2
17.5°	620.9	669.0	714.4	760.3	804.8	848.8	889.5	926.7	959.7	988.4	1013.1
15°	640.4	688.9	738.6	787.6	834.4	879.0	919.6	958.5	995.2	1026.2	1051.3
12.5°	656.1	706.5	758.4	810.4	860.0	904.5	947.0	986.5	1025.0	1059.8	1082.9
10°	669.5	721.5	775.0	828.1	878.3	925.3	971.6	1013.4	1051.2	1082.4	1108.1
7.5°	681.1	734.6	789.0	842.1	892.2	940.8	988.5	1032.8	1071.0	1100.4	1123.3
5°	689.7	744.4	799.9	853.5	904.3	953.1	1000.9	1044.7	1082.0	1111.9	1136.9
2.5°	695.8	751.1	806.9	860.6	912.5	961.4	1010.5	1054.7	1090.9	1118.3	1142.2
0°	699.8	755.1	811.4	866.3	917.2	964.6	1017.3	1058.8	1096.3	1123.5	1148.5
-2.5°	695.8	751.1	806.9	860.6	912.5	961.4	1010.5	1054.7	1090.9	1118.3	1142.2
-5°	689.7	744.4	799.9	853.5	904.3	953.1	1000.9	1044.7	1082.0	1111.9	1136.9
-7.5°	681.1	734.6	789.0	842.1	892.2	940.8	988.5	1032.8	1071.0	1100.4	1123.3
-10°	669.5	721.5	775.0	828.1	878.3	925.3	971.6	1013.4	1051.2	1082.4	1108.1
-12.5°	656.1	706.5	758.4	810.4	860.0	904.5	947.0	986.5	1025.0	1059.8	1082.9
-15°	640.4	688.9	738.6	787.6	834.4	879.0	919.6	958.5	995.2	1026.2	1051.3
-17.5°	620.9	669.0	714.4	760.3	804.8	848.8	889.5	926.7	959.7	988.4	1013.1
-20°	597.9	644.8	688.0	731.1	773.2	815.2	855.2	890.0	920.6	947.6	971.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	573.3	617.0	659.3	700.0	740.0	779.3	816.7	849.6	878.5	903.8	925.3
-25°	547.0	587.9	628.2	666.9	704.3	740.7	774.8	806.4	833.7	857.9	877.2
-27.5°	519.4	557.5	595.2	631.7	666.7	699.8	731.3	760.2	785.8	807.9	826.7
-30°	490.1	525.6	560.8	595.0	627.3	657.8	686.7	713.3	736.8	757.1	774.9
-32.5°	460.3	493.1	525.4	556.9	586.9	615.0	641.1	666.3	688.1	706.6	722.5
-35°	429.5	460.0	489.7	518.4	545.7	571.8	595.9	618.7	639.9	656.8	670.6
-37.5°	398.6	426.4	453.5	479.6	504.7	528.3	550.3	570.3	588.3	605.0	618.5
-40°	367.9	393.1	417.6	440.9	463.7	485.4	505.8	523.5	539.4	554.1	566.3
-42.5°	337.0	360.1	382.2	403.6	423.5	443.5	462.3	479.1	493.2	505.6	515.9
-45°	306.4	327.1	347.0	366.5	384.6	401.9	418.7	434.0	446.4	457.2	466.4
-47.5°	276.3	294.7	312.7	329.8	346.2	361.7	375.3	387.6	399.7	409.5	417.3
-50°	247.3	263.5	279.6	294.5	309.3	323.2	335.7	346.6	356.3	364.6	371.2
-52.5°	219.5	233.7	247.6	261.0	273.9	285.9	296.8	306.2	314.5	321.6	327.3
-55°	194.2	205.8	216.5	228.3	239.7	250.1	259.2	267.2	274.1	280.0	284.9
-57.5°	171.1	180.4	189.6	199.0	207.8	216.1	223.8	230.6	236.4	241.1	245.1
-60°	149.7	156.9	164.8	172.3	179.2	185.5	191.8	197.3	201.9	205.8	208.9
-62.5°	129.8	136.1	142.0	147.7	153.3	158.8	163.0	166.9	170.3	173.2	175.6
-65°	110.7	115.9	120.4	124.7	128.5	132.6	135.9	138.7	140.9	142.8	144.3
-67.5°	92.5	96.5	100.1	103.1	106.1	108.9	111.2	113.0	114.5	115.7	116.6
-70°	76.4	79.3	81.9	84.3	86.8	88.8	90.3	91.3	92.0	92.5	92.8
-72.5°	62.0	64.8	67.1	69.2	71.1	72.4	73.3	74.0	74.5	74.0	73.2
-75°	48.8	51.5	54.1	56.3	58.2	59.0	59.4	59.7	59.9	58.3	56.2
-77.5°	37.4	40.2	42.6	44.8	46.8	47.2	47.1	47.0	46.8	44.6	41.9
-80°	26.3	28.5	30.5	32.6	34.6	34.8	34.6	34.2	33.6	31.4	29.0
-82.5°	16.1	17.4	18.6	19.9	21.1	21.4	21.5	21.4	21.2	19.6	17.7
-85°	7.5	8.0	8.5	9.0	9.4	9.8	10.2	10.6	10.9	10.0	8.9
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	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



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-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°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.7
85°	7.8	6.7	6.2	5.8	6.2	6.7	7.8	8.9	10.0	10.9	10.6
82.5°	15.8	13.8	13.1	12.5	13.1	13.8	15.8	17.7	19.6	21.2	21.4
80°	26.4	23.6	22.5	21.4	22.5	23.6	26.4	29.0	31.4	33.6	34.2
77.5°	39.1	36.1	34.8	33.5	34.8	36.1	39.1	41.9	44.6	46.8	47.0
75°	54.0	51.6	50.2	48.7	50.2	51.6	54.0	56.2	58.3	59.9	59.7
72.5°	72.2	71.0	70.0	68.8	70.0	71.0	72.2	73.2	74.0	74.5	74.0
70°	92.9	92.7	92.9	92.9	92.9	92.7	92.9	92.8	92.5	92.0	91.3
67.5°	117.1	117.2	117.7	117.9	117.7	117.2	117.1	116.6	115.7	114.5	113.0
65°	145.2	145.5	145.4	144.7	145.4	145.5	145.2	144.3	142.8	140.9	138.7
62.5°	177.2	178.2	178.7	178.6	178.7	178.2	177.2	175.6	173.2	170.3	166.9
60°	211.2	212.7	213.5	213.5	213.5	212.7	211.2	208.9	205.8	201.9	197.3
57.5°	248.1	250.0	250.4	249.6	250.4	250.0	248.1	245.1	241.1	236.4	230.6
55°	288.6	291.1	292.1	291.6	292.1	291.1	288.6	284.9	280.0	274.1	267.2
52.5°	331.5	334.2	335.2	334.5	335.2	334.2	331.5	327.3	321.6	314.5	306.2
50°	376.1	379.4	380.7	380.0	380.7	379.4	376.1	371.2	364.6	356.3	346.6
47.5°	423.4	427.7	429.4	428.2	429.4	427.7	423.4	417.3	409.5	399.7	387.6
45°	473.2	477.7	479.4	478.3	479.4	477.7	473.2	466.4	457.2	446.4	434.0
42.5°	523.8	529.6	532.1	530.1	532.1	529.6	523.8	515.9	505.6	493.2	479.1
40°	575.4	581.7	584.6	583.2	584.6	581.7	575.4	566.3	554.1	539.4	523.5
37.5°	628.2	634.6	637.7	637.7	637.7	634.6	628.2	618.5	605.0	588.3	570.3
35°	681.3	689.0	693.3	693.1	693.3	689.0	681.3	670.6	656.8	639.9	618.7
32.5°	735.1	743.4	747.8	748.4	747.8	743.4	735.1	722.5	706.6	688.1	666.3
30°	788.9	797.9	803.0	805.1	803.0	797.9	788.9	774.9	757.1	736.8	713.3
27.5°	841.0	852.1	859.8	860.5	859.8	852.1	841.0	826.7	807.9	785.8	760.2
25°	891.5	902.8	910.7	912.3	910.7	902.8	891.5	877.2	857.9	833.7	806.4
22.5°	941.2	953.1	960.4	963.2	960.4	953.1	941.2	925.3	903.8	878.5	849.6
20°	988.7	1001.5	1009.3	1012.3	1009.3	1001.5	988.7	971.2	947.6	920.6	890.0
17.5°	1031.6	1045.2	1054.7	1057.4	1054.7	1045.2	1031.6	1013.1	988.4	959.7	926.7
15°	1069.4	1082.3	1091.4	1095.0	1091.4	1082.3	1069.4	1051.3	1026.2	995.2	958.5
12.5°	1100.2	1111.7	1118.8	1122.2	1118.8	1111.7	1100.2	1082.9	1059.8	1025.0	986.5
10°	1124.2	1135.8	1142.6	1147.2	1142.6	1135.8	1124.2	1108.1	1082.4	1051.2	1013.4
7.5°	1145.1	1157.0	1165.2	1171.8	1165.2	1157.0	1145.1	1123.3	1100.4	1071.0	1032.8
5°	1156.6	1176.4	1179.4	1183.8	1179.4	1176.4	1156.6	1136.9	1111.9	1082.0	1044.7
2.5°	1165.4	1179.4	1187.9	1186.9	1187.9	1179.4	1165.4	1142.2	1118.3	1090.9	1054.7
0°	1171.8	1184.3	1187.4	1191.4	1187.4	1184.3	1171.8	1148.5	1123.5	1096.3	1058.8
-2.5°	1165.4	1179.4	1187.9	1186.9	1187.9	1179.4	1165.4	1142.2	1118.3	1090.9	1054.7
-5°	1156.6	1176.4	1179.4	1183.8	1179.4	1176.4	1156.6	1136.9	1111.9	1082.0	1044.7
-7.5°	1145.1	1157.0	1165.2	1171.8	1165.2	1157.0	1145.1	1123.3	1100.4	1071.0	1032.8
-10°	1124.2	1135.8	1142.6	1147.2	1142.6	1135.8	1124.2	1108.1	1082.4	1051.2	1013.4
-12.5°	1100.2	1111.7	1118.8	1122.2	1118.8	1111.7	1100.2	1082.9	1059.8	1025.0	986.5
-15°	1069.4	1082.3	1091.4	1095.0	1091.4	1082.3	1069.4	1051.3	1026.2	995.2	958.5
-17.5°	1031.6	1045.2	1054.7	1057.4	1054.7	1045.2	1031.6	1013.1	988.4	959.7	926.7
-20°	988.7	1001.5	1009.3	1012.3	1009.3	1001.5	988.7	971.2	947.6	920.6	890.0



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	941.2	953.1	960.4	963.2	960.4	953.1	941.2	925.3	903.8	878.5	849.6
-25°	891.5	902.8	910.7	912.3	910.7	902.8	891.5	877.2	857.9	833.7	806.4
-27.5°	841.0	852.1	859.8	860.5	859.8	852.1	841.0	826.7	807.9	785.8	760.2
-30°	788.9	797.9	803.0	805.1	803.0	797.9	788.9	774.9	757.1	736.8	713.3
-32.5°	735.1	743.4	747.8	748.4	747.8	743.4	735.1	722.5	706.6	688.1	666.3
-35°	681.3	689.0	693.3	693.1	693.3	689.0	681.3	670.6	656.8	639.9	618.7
-37.5°	628.2	634.6	637.7	637.7	637.7	634.6	628.2	618.5	605.0	588.3	570.3
-40°	575.4	581.7	584.6	583.2	584.6	581.7	575.4	566.3	554.1	539.4	523.5
-42.5°	523.8	529.6	532.1	530.1	532.1	529.6	523.8	515.9	505.6	493.2	479.1
-45°	473.2	477.7	479.4	478.3	479.4	477.7	473.2	466.4	457.2	446.4	434.0
-47.5°	423.4	427.7	429.4	428.2	429.4	427.7	423.4	417.3	409.5	399.7	387.6
-50°	376.1	379.4	380.7	380.0	380.7	379.4	376.1	371.2	364.6	356.3	346.6
-52.5°	331.5	334.2	335.2	334.5	335.2	334.2	331.5	327.3	321.6	314.5	306.2
-55°	288.6	291.1	292.1	291.6	292.1	291.1	288.6	284.9	280.0	274.1	267.2
-57.5°	248.1	250.0	250.4	249.6	250.4	250.0	248.1	245.1	241.1	236.4	230.6
-60°	211.2	212.7	213.5	213.5	213.5	212.7	211.2	208.9	205.8	201.9	197.3
-62.5°	177.2	178.2	178.7	178.6	178.7	178.2	177.2	175.6	173.2	170.3	166.9
-65°	145.2	145.5	145.4	144.7	145.4	145.5	145.2	144.3	142.8	140.9	138.7
-67.5°	117.1	117.2	117.7	117.9	117.7	117.2	117.1	116.6	115.7	114.5	113.0
-70°	92.9	92.7	92.9	92.9	92.9	92.7	92.9	92.8	92.5	92.0	91.3
-72.5°	72.2	71.0	70.0	68.8	70.0	71.0	72.2	73.2	74.0	74.5	74.0
-75°	54.0	51.6	50.2	48.7	50.2	51.6	54.0	56.2	58.3	59.9	59.7
-77.5°	39.1	36.1	34.8	33.5	34.8	36.1	39.1	41.9	44.6	46.8	47.0
-80°	26.4	23.6	22.5	21.4	22.5	23.6	26.4	29.0	31.4	33.6	34.2
-82.5°	15.8	13.8	13.1	12.5	13.1	13.8	15.8	17.7	19.6	21.2	21.4
-85°	7.8	6.7	6.2	5.8	6.2	6.7	7.8	8.9	10.0	10.9	10.6
-87.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.7
-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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	10.2	9.8	9.4	9.0	8.5	8.0	7.5	6.5	5.7	4.9	4.2
82.5°	21.5	21.4	21.1	19.9	18.6	17.4	16.1	14.2	12.3	10.5	8.9
80°	34.6	34.8	34.6	32.6	30.5	28.5	26.3	23.5	20.6	17.9	15.9
77.5°	47.1	47.2	46.8	44.8	42.6	40.2	37.4	34.0	30.6	27.2	24.6
75°	59.4	59.0	58.2	56.3	54.1	51.5	48.8	45.9	42.4	38.4	35.0
72.5°	73.3	72.4	71.1	69.2	67.1	64.8	62.0	58.8	55.1	51.1	47.5
70°	90.3	88.8	86.8	84.3	81.9	79.3	76.4	72.8	68.5	64.1	60.1
67.5°	111.2	108.9	106.1	103.1	100.1	96.5	92.5	88.1	83.7	78.8	73.3
65°	135.9	132.6	128.5	124.7	120.4	115.9	110.7	105.6	100.2	94.4	87.4
62.5°	163.0	158.8	153.3	147.7	142.0	136.1	129.8	123.5	117.2	110.2	102.4
60°	191.8	185.5	179.2	172.3	164.8	156.9	149.7	142.1	134.0	126.2	117.5
57.5°	223.8	216.1	207.8	199.0	189.6	180.4	171.1	161.4	152.3	142.8	133.0
55°	259.2	250.1	239.7	228.3	216.5	205.8	194.2	182.5	171.5	159.9	149.1
52.5°	296.8	285.9	273.9	261.0	247.6	233.7	219.5	206.1	191.8	178.7	165.6
50°	335.7	323.2	309.3	294.5	279.6	263.5	247.3	231.2	215.0	198.9	183.3
47.5°	375.3	361.7	346.2	329.8	312.7	294.7	276.3	256.9	239.0	220.4	202.6
45°	418.7	401.9	384.6	366.5	347.0	327.1	306.4	285.2	263.6	243.1	222.4
42.5°	462.3	443.5	423.5	403.6	382.2	360.1	337.0	313.6	289.9	266.2	243.5
40°	505.8	485.4	463.7	440.9	417.6	393.1	367.9	341.9	316.1	290.1	264.4
37.5°	550.3	528.3	504.7	479.6	453.5	426.4	398.6	370.5	342.1	314.1	286.2
35°	595.9	571.8	545.7	518.4	489.7	460.0	429.5	398.7	368.1	337.9	307.7
32.5°	641.1	615.0	586.9	556.9	525.4	493.1	460.3	427.0	393.6	361.3	329.1
30°	686.7	657.8	627.3	595.0	560.8	525.6	490.1	454.8	419.2	383.6	349.6
27.5°	731.3	699.8	666.7	631.7	595.2	557.5	519.4	481.7	443.7	405.8	369.1
25°	774.8	740.7	704.3	666.9	628.2	587.9	547.0	507.1	467.4	427.0	386.7
22.5°	816.7	779.3	740.0	700.0	659.3	617.0	573.3	530.5	489.3	445.9	403.8
20°	855.2	815.2	773.2	731.1	688.0	644.8	597.9	552.3	508.1	463.5	419.4
17.5°	889.5	848.8	804.8	760.3	714.4	669.0	620.9	572.2	525.3	479.1	433.0
15°	919.6	879.0	834.4	787.6	738.6	688.9	640.4	589.8	541.1	492.9	445.6
12.5°	947.0	904.5	860.0	810.4	758.4	706.5	656.1	605.2	555.0	505.5	457.0
10°	971.6	925.3	878.3	828.1	775.0	721.5	669.5	618.1	566.9	516.4	466.4
7.5°	988.5	940.8	892.2	842.1	789.0	734.6	681.1	628.5	576.2	525.0	473.7
5°	1000.9	953.1	904.3	853.5	799.9	744.4	689.7	636.0	582.8	531.2	478.9
2.5°	1010.5	961.4	912.5	860.6	806.9	751.1	695.8	641.7	588.0	535.9	483.5
0°	1017.3	964.6	917.2	866.3	811.4	755.1	699.8	645.3	591.2	538.1	485.9
-2.5°	1010.5	961.4	912.5	860.6	806.9	751.1	695.8	641.7	588.0	535.9	483.5
-5°	1000.9	953.1	904.3	853.5	799.9	744.4	689.7	636.0	582.8	531.2	478.9
-7.5°	988.5	940.8	892.2	842.1	789.0	734.6	681.1	628.5	576.2	525.0	473.7
-10°	971.6	925.3	878.3	828.1	775.0	721.5	669.5	618.1	566.9	516.4	466.4
-12.5°	947.0	904.5	860.0	810.4	758.4	706.5	656.1	605.2	555.0	505.5	457.0
-15°	919.6	879.0	834.4	787.6	738.6	688.9	640.4	589.8	541.1	492.9	445.6
-17.5°	889.5	848.8	804.8	760.3	714.4	669.0	620.9	572.2	525.3	479.1	433.0
-20°	855.2	815.2	773.2	731.1	688.0	644.8	597.9	552.3	508.1	463.5	419.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	816.7	779.3	740.0	700.0	659.3	617.0	573.3	530.5	489.3	445.9	403.8
-25°	774.8	740.7	704.3	666.9	628.2	587.9	547.0	507.1	467.4	427.0	386.7
-27.5°	731.3	699.8	666.7	631.7	595.2	557.5	519.4	481.7	443.7	405.8	369.1
-30°	686.7	657.8	627.3	595.0	560.8	525.6	490.1	454.8	419.2	383.6	349.6
-32.5°	641.1	615.0	586.9	556.9	525.4	493.1	460.3	427.0	393.6	361.3	329.1
-35°	595.9	571.8	545.7	518.4	489.7	460.0	429.5	398.7	368.1	337.9	307.7
-37.5°	550.3	528.3	504.7	479.6	453.5	426.4	398.6	370.5	342.1	314.1	286.2
-40°	505.8	485.4	463.7	440.9	417.6	393.1	367.9	341.9	316.1	290.1	264.4
-42.5°	462.3	443.5	423.5	403.6	382.2	360.1	337.0	313.6	289.9	266.2	243.5
-45°	418.7	401.9	384.6	366.5	347.0	327.1	306.4	285.2	263.6	243.1	222.4
-47.5°	375.3	361.7	346.2	329.8	312.7	294.7	276.3	256.9	239.0	220.4	202.6
-50°	335.7	323.2	309.3	294.5	279.6	263.5	247.3	231.2	215.0	198.9	183.3
-52.5°	296.8	285.9	273.9	261.0	247.6	233.7	219.5	206.1	191.8	178.7	165.6
-55°	259.2	250.1	239.7	228.3	216.5	205.8	194.2	182.5	171.5	159.9	149.1
-57.5°	223.8	216.1	207.8	199.0	189.6	180.4	171.1	161.4	152.3	142.8	133.0
-60°	191.8	185.5	179.2	172.3	164.8	156.9	149.7	142.1	134.0	126.2	117.5
-62.5°	163.0	158.8	153.3	147.7	142.0	136.1	129.8	123.5	117.2	110.2	102.4
-65°	135.9	132.6	128.5	124.7	120.4	115.9	110.7	105.6	100.2	94.4	87.4
-67.5°	111.2	108.9	106.1	103.1	100.1	96.5	92.5	88.1	83.7	78.8	73.3
-70°	90.3	88.8	86.8	84.3	81.9	79.3	76.4	72.8	68.5	64.1	60.1
-72.5°	73.3	72.4	71.1	69.2	67.1	64.8	62.0	58.8	55.1	51.1	47.5
-75°	59.4	59.0	58.2	56.3	54.1	51.5	48.8	45.9	42.4	38.4	35.0
-77.5°	47.1	47.2	46.8	44.8	42.6	40.2	37.4	34.0	30.6	27.2	24.6
-80°	34.6	34.8	34.6	32.6	30.5	28.5	26.3	23.5	20.6	17.9	15.9
-82.5°	21.5	21.4	21.1	19.9	18.6	17.4	16.1	14.2	12.3	10.5	8.9
-85°	10.2	9.8	9.4	9.0	8.5	8.0	7.5	6.5	5.7	4.9	4.2
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-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°	1.3	1.3	1.3	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5
85°	4.2	4.1	3.9	3.5	2.8	2.0	1.7	1.5	1.4	1.2	1.1
82.5°	8.8	8.9	8.9	8.7	7.6	6.6	5.4	4.3	3.2	2.0	1.6
80°	15.9	15.8	15.4	14.7	13.0	11.1	9.7	8.2	6.8	5.3	3.7
77.5°	24.1	23.4	22.5	21.6	19.8	17.8	15.4	12.7	10.4	8.5	6.6
75°	33.2	32.1	30.9	29.3	27.0	24.4	21.8	18.7	15.2	11.8	9.4
72.5°	44.6	42.0	39.6	37.4	34.9	32.0	28.6	24.6	20.3	16.3	12.5
70°	56.2	52.2	48.7	45.6	42.7	39.6	35.9	30.9	25.4	20.6	16.2
67.5°	67.9	63.2	58.5	53.9	50.2	46.6	43.0	37.2	30.9	24.9	19.8
65°	80.9	74.6	68.6	63.0	57.9	53.4	49.2	43.1	36.2	29.5	23.3
62.5°	94.3	86.3	79.1	71.9	65.6	60.2	55.2	48.4	41.3	33.9	26.9
60°	108.3	99.2	89.7	81.3	73.6	66.7	60.6	53.6	46.1	38.2	30.6
57.5°	123.1	112.4	101.7	91.1	81.8	73.6	65.9	58.6	50.8	42.4	34.0
55°	138.1	126.5	113.9	102.0	90.6	80.7	71.5	63.3	55.3	46.5	36.9
52.5°	153.0	140.4	126.8	113.1	100.3	88.0	77.7	67.9	59.5	50.6	39.9
50°	168.7	154.2	139.7	124.8	109.9	96.4	83.7	73.2	63.5	54.4	42.8
47.5°	185.1	168.9	152.7	136.5	120.5	104.6	90.6	78.4	67.4	57.9	45.4
45°	203.0	184.0	166.2	148.6	130.5	113.3	97.7	83.4	71.9	60.6	47.9
42.5°	220.9	200.0	180.0	160.5	141.0	122.1	104.3	89.2	76.1	63.2	50.2
40°	239.9	216.1	193.9	172.7	151.2	130.4	111.7	94.9	80.1	65.9	52.3
37.5°	258.4	232.5	208.2	184.4	161.3	139.3	118.8	100.3	83.9	68.9	54.4
35°	277.9	249.1	221.4	196.1	171.6	147.8	125.5	105.6	88.2	71.9	56.3
32.5°	296.9	265.2	235.6	207.7	181.4	155.8	132.3	111.3	92.4	74.8	58.1
30°	315.5	281.5	249.1	218.7	191.0	164.2	139.2	116.6	96.4	77.5	59.9
27.5°	332.6	296.5	262.2	230.0	200.4	172.2	145.7	121.6	100.1	80.4	62.0
25°	348.6	310.9	275.0	240.9	209.1	179.8	151.6	126.2	104.0	83.3	63.9
22.5°	363.6	324.4	286.6	251.0	217.2	186.7	157.5	131.0	107.6	86.0	65.7
20°	377.2	336.5	296.9	260.1	225.0	193.3	163.1	135.4	110.9	88.5	67.3
17.5°	389.5	347.5	306.9	268.6	232.3	199.2	168.1	139.2	113.7	90.7	68.7
15°	400.9	357.6	315.7	276.0	238.7	204.3	172.4	142.5	116.2	92.6	70.1
12.5°	410.6	366.2	323.2	282.3	244.0	208.6	176.1	145.3	118.2	94.3	71.3
10°	418.7	373.3	329.2	287.5	248.3	212.1	179.0	147.7	120.1	95.8	72.3
7.5°	425.0	378.9	333.9	291.5	251.7	215.1	181.6	149.7	121.7	97.0	73.0
5°	429.7	383.2	338.0	294.8	254.9	217.5	183.4	151.1	122.8	97.7	73.3
2.5°	433.9	386.5	341.2	297.0	257.0	219.0	184.5	152.0	123.5	98.2	73.4
0°	436.3	388.1	343.0	297.9	258.1	219.7	184.9	152.3	123.7	98.2	73.2
-2.5°	433.9	386.5	341.2	297.0	257.0	219.0	184.5	152.0	123.5	98.2	73.4
-5°	429.7	383.2	338.0	294.8	254.9	217.5	183.4	151.1	122.8	97.7	73.3
-7.5°	425.0	378.9	333.9	291.5	251.7	215.1	181.6	149.7	121.7	97.0	73.0
-10°	418.7	373.3	329.2	287.5	248.3	212.1	179.0	147.7	120.1	95.8	72.3
-12.5°	410.6	366.2	323.2	282.3	244.0	208.6	176.1	145.3	118.2	94.3	71.3
-15°	400.9	357.6	315.7	276.0	238.7	204.3	172.4	142.5	116.2	92.6	70.1
-17.5°	389.5	347.5	306.9	268.6	232.3	199.2	168.1	139.2	113.7	90.7	68.7
-20°	377.2	336.5	296.9	260.1	225.0	193.3	163.1	135.4	110.9	88.5	67.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	363.6	324.4	286.6	251.0	217.2	186.7	157.5	131.0	107.6	86.0	65.7
-25°	348.6	310.9	275.0	240.9	209.1	179.8	151.6	126.2	104.0	83.3	63.9
-27.5°	332.6	296.5	262.2	230.0	200.4	172.2	145.7	121.6	100.1	80.4	62.0
-30°	315.5	281.5	249.1	218.7	191.0	164.2	139.2	116.6	96.4	77.5	59.9
-32.5°	296.9	265.2	235.6	207.7	181.4	155.8	132.3	111.3	92.4	74.8	58.1
-35°	277.9	249.1	221.4	196.1	171.6	147.8	125.5	105.6	88.2	71.9	56.3
-37.5°	258.4	232.5	208.2	184.4	161.3	139.3	118.8	100.3	83.9	68.9	54.4
-40°	239.9	216.1	193.9	172.7	151.2	130.4	111.7	94.9	80.1	65.9	52.3
-42.5°	220.9	200.0	180.0	160.5	141.0	122.1	104.3	89.2	76.1	63.2	50.2
-45°	203.0	184.0	166.2	148.6	130.5	113.3	97.7	83.4	71.9	60.6	47.9
-47.5°	185.1	168.9	152.7	136.5	120.5	104.6	90.6	78.4	67.4	57.9	45.4
-50°	168.7	154.2	139.7	124.8	109.9	96.4	83.7	73.2	63.5	54.4	42.8
-52.5°	153.0	140.4	126.8	113.1	100.3	88.0	77.7	67.9	59.5	50.6	39.9
-55°	138.1	126.5	113.9	102.0	90.6	80.7	71.5	63.3	55.3	46.5	36.9
-57.5°	123.1	112.4	101.7	91.1	81.8	73.6	65.9	58.6	50.8	42.4	34.0
-60°	108.3	99.2	89.7	81.3	73.6	66.7	60.6	53.6	46.1	38.2	30.6
-62.5°	94.3	86.3	79.1	71.9	65.6	60.2	55.2	48.4	41.3	33.9	26.9
-65°	80.9	74.6	68.6	63.0	57.9	53.4	49.2	43.1	36.2	29.5	23.3
-67.5°	67.9	63.2	58.5	53.9	50.2	46.6	43.0	37.2	30.9	24.9	19.8
-70°	56.2	52.2	48.7	45.6	42.7	39.6	35.9	30.9	25.4	20.6	16.2
-72.5°	44.6	42.0	39.6	37.4	34.9	32.0	28.6	24.6	20.3	16.3	12.5
-75°	33.2	32.1	30.9	29.3	27.0	24.4	21.8	18.7	15.2	11.8	9.4
-77.5°	24.1	23.4	22.5	21.6	19.8	17.8	15.4	12.7	10.4	8.5	6.6
-80°	15.9	15.8	15.4	14.7	13.0	11.1	9.7	8.2	6.8	5.3	3.7
-82.5°	8.8	8.9	8.9	8.7	7.6	6.6	5.4	4.3	3.2	2.0	1.6
-85°	4.2	4.1	3.9	3.5	2.8	2.0	1.7	1.5	1.4	1.2	1.1
-87.5°	1.3	1.3	1.3	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5
-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: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	2.1	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	4.5	2.4	1.6	1.2	0.8	0.3	0.0
75°	6.9	4.2	2.0	1.4	0.9	0.4	0.0
72.5°	9.2	5.9	3.2	1.6	1.1	0.5	0.0
70°	11.6	7.5	4.4	1.9	1.2	0.5	0.0
67.5°	14.3	9.1	5.5	2.6	1.3	0.6	0.0
65°	17.0	10.9	6.5	3.3	1.5	0.6	0.0
62.5°	19.5	12.8	7.5	4.0	1.6	0.7	0.0
60°	21.9	14.7	8.5	4.6	1.7	0.8	0.0
57.5°	24.4	16.4	9.7	5.2	2.1	0.8	0.0
55°	26.8	18.0	10.9	5.7	2.4	0.9	0.0
52.5°	29.0	19.5	12.0	6.2	2.7	0.9	0.0
50°	31.0	21.1	13.0	6.7	3.1	1.0	0.0
47.5°	32.9	22.6	14.0	7.2	3.3	1.0	0.0
45°	35.0	23.9	14.8	7.8	3.6	1.0	0.0
42.5°	36.9	25.1	15.6	8.3	3.9	1.1	0.0
40°	38.7	26.2	16.3	8.9	4.1	1.1	0.0
37.5°	40.2	27.1	17.1	9.5	4.4	1.2	0.0
35°	41.6	28.1	17.7	10.0	4.6	1.2	0.0
32.5°	42.9	29.1	18.2	10.5	4.8	1.2	0.0
30°	44.2	30.0	18.7	11.0	5.0	1.2	0.0
27.5°	45.4	30.7	19.3	11.4	5.2	1.3	0.0
25°	46.5	31.3	19.9	11.7	5.3	1.3	0.0
22.5°	47.4	31.8	20.4	12.0	5.4	1.3	0.0
20°	48.1	32.6	20.9	12.3	5.5	1.3	0.0
17.5°	49.0	33.3	21.3	12.6	5.6	1.3	0.0
15°	50.0	33.8	21.6	12.8	5.7	1.3	0.0
12.5°	50.8	34.1	21.8	12.9	5.8	1.3	0.0
10°	51.4	34.3	22.0	13.0	5.8	1.3	0.0
7.5°	51.8	34.4	22.1	13.1	5.8	1.3	0.0
5°	52.0	34.4	22.1	13.1	5.8	1.3	0.0
2.5°	52.0	34.2	22.0	13.1	5.8	1.3	0.0
0°	51.8	33.9	21.9	13.0	5.8	1.3	0.0
-2.5°	52.0	34.2	22.0	13.1	5.8	1.3	0.0
-5°	52.0	34.4	22.1	13.1	5.8	1.3	0.0
-7.5°	51.8	34.4	22.1	13.1	5.8	1.3	0.0
-10°	51.4	34.3	22.0	13.0	5.8	1.3	0.0
-12.5°	50.8	34.1	21.8	12.9	5.8	1.3	0.0
-15°	50.0	33.8	21.6	12.8	5.7	1.3	0.0
-17.5°	49.0	33.3	21.3	12.6	5.6	1.3	0.0
-20°	48.1	32.6	20.9	12.3	5.5	1.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	47.4	31.8	20.4	12.0	5.4	1.3	0.0
-25°	46.5	31.3	19.9	11.7	5.3	1.3	0.0
-27.5°	45.4	30.7	19.3	11.4	5.2	1.3	0.0
-30°	44.2	30.0	18.7	11.0	5.0	1.2	0.0
-32.5°	42.9	29.1	18.2	10.5	4.8	1.2	0.0
-35°	41.6	28.1	17.7	10.0	4.6	1.2	0.0
-37.5°	40.2	27.1	17.1	9.5	4.4	1.2	0.0
-40°	38.7	26.2	16.3	8.9	4.1	1.1	0.0
-42.5°	36.9	25.1	15.6	8.3	3.9	1.1	0.0
-45°	35.0	23.9	14.8	7.8	3.6	1.0	0.0
-47.5°	32.9	22.6	14.0	7.2	3.3	1.0	0.0
-50°	31.0	21.1	13.0	6.7	3.1	1.0	0.0
-52.5°	29.0	19.5	12.0	6.2	2.7	0.9	0.0
-55°	26.8	18.0	10.9	5.7	2.4	0.9	0.0
-57.5°	24.4	16.4	9.7	5.2	2.1	0.8	0.0
-60°	21.9	14.7	8.5	4.6	1.7	0.8	0.0
-62.5°	19.5	12.8	7.5	4.0	1.6	0.7	0.0
-65°	17.0	10.9	6.5	3.3	1.5	0.6	0.0
-67.5°	14.3	9.1	5.5	2.6	1.3	0.6	0.0
-70°	11.6	7.5	4.4	1.9	1.2	0.5	0.0
-72.5°	9.2	5.9	3.2	1.6	1.1	0.5	0.0
-75°	6.9	4.2	2.0	1.4	0.9	0.4	0.0
-77.5°	4.5	2.4	1.6	1.2	0.8	0.3	0.0
-80°	2.1	1.6	1.2	0.9	0.6	0.3	0.0
-82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-85°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)