

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-MR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627555 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-727-U-MR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N110  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

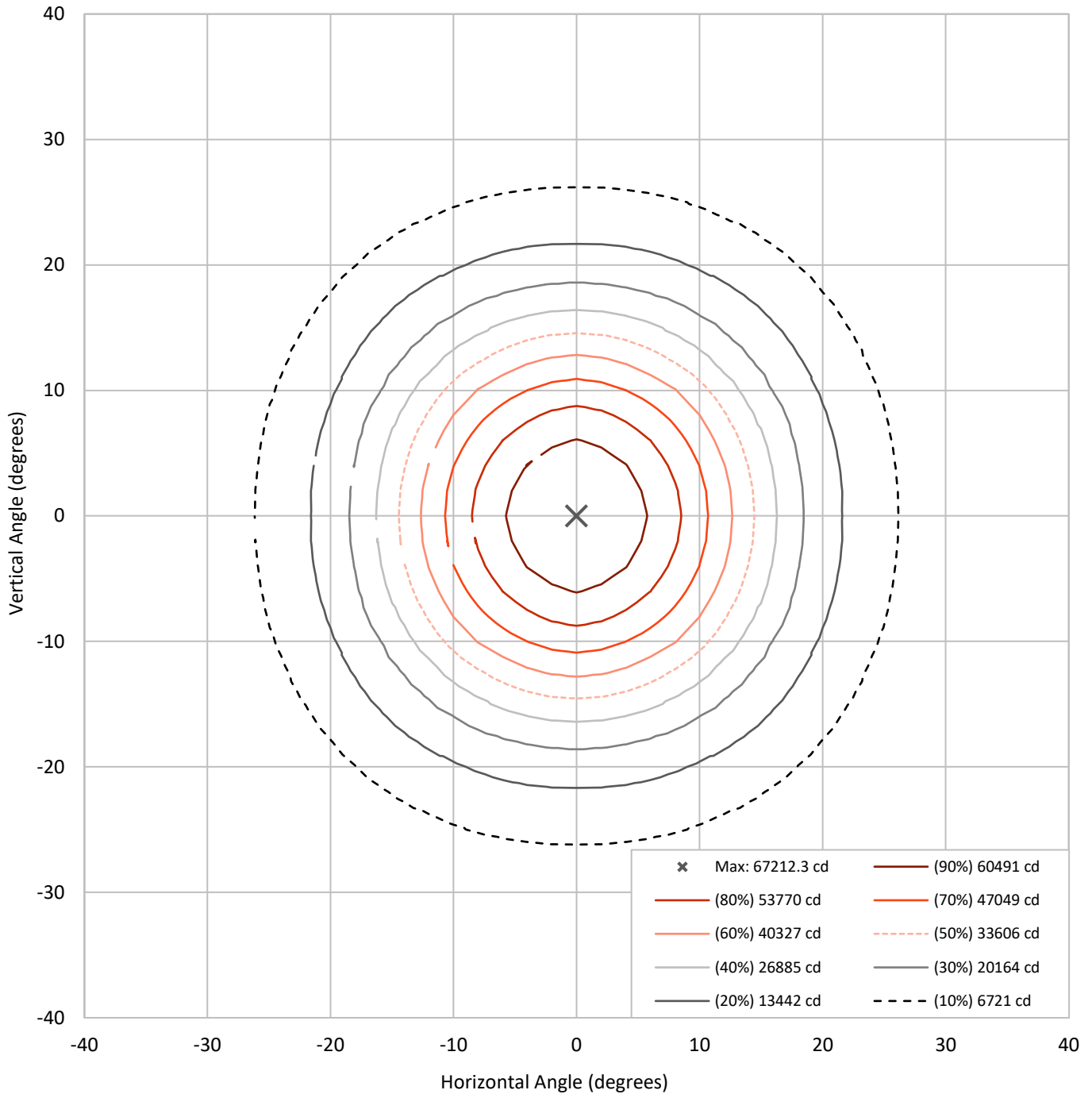
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	20999.5 lumens	Max Intensity:	67212.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	10209.6 lumens	Field Lumens:	17229.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	158.7		
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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

### Iso-Candela Plot





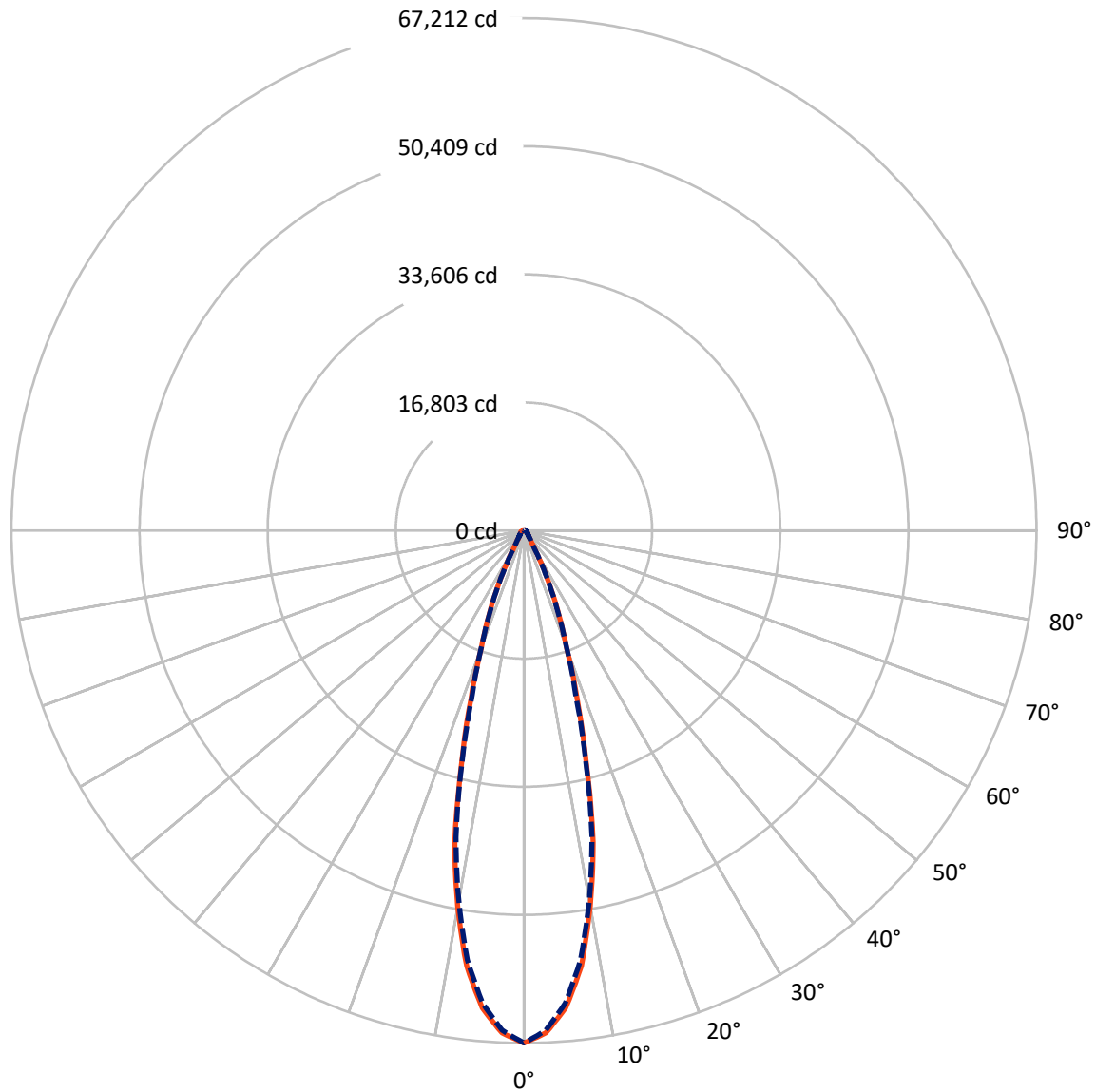
REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

### Lumen Table

90	0.4	3.5		9.1		14.4		16.0		14.4		9.1		3.5		0.4			
80	0.4	3.5		9.1		14.4		16.0		14.4		9.1		3.5		0.4			
70	1.6	1.8	3.6	5.9	8.3	10.2	11.3	11.9	11.9	11.3	10.2	8.3	5.9	3.6	1.8	1.6			
60		2.7	5.4	8.7	11.7	14.4	16.2	16.8	16.8	16.2	14.4	11.7	8.7	5.4	2.7				
50	2.8	3.4	7.0	10.8	14.4	18.2	21.4	23.0	23.0	21.4	18.2	14.4	10.8	7.0	3.4	2.8			
40		4.1	8.2	12.5	17.6	25.1	36.4	47.3	47.3	36.4	25.1	17.6	12.5	8.2	4.1				
30	3.6	4.5	8.9	14.0	22.6	49.1	138.2	245.1	245.1	138.2	49.1	22.6	14.0	8.9	4.5	3.6			
20		4.9	9.4	15.3	30.8	128.9	459.4	880.2	880.2	459.4	128.9	30.8	15.3	9.4	4.9				
10	3.8	5.1	9.5	16.1	39.1	222.5	850.2	1672.4	1672.4	850.2	222.5	39.1	16.1	9.5	5.1	3.8			
0		5.1	9.5	16.1	39.1	222.5	850.2	1672.4	1672.4	850.2	222.5	39.1	16.1	9.5	5.1				
-10	3.6	4.9	9.4	15.3	30.8	128.9	459.4	880.2	880.2	459.4	128.9	30.8	15.3	9.4	4.9	3.6			
-20		4.5	8.9	14.0	22.6	49.1	138.2	245.1	245.1	138.2	49.1	22.6	14.0	8.9	4.5				
-30	2.8	4.1	8.2	12.5	17.6	25.1	36.4	47.3	47.3	36.4	25.1	17.6	12.5	8.2	4.1	2.8			
-40		3.4	7.0	10.8	14.4	18.2	21.4	23.0	23.0	21.4	18.2	14.4	10.8	7.0	3.4				
-50	1.6	2.7	5.4	8.7	11.7	14.4	16.2	16.8	16.8	16.2	14.4	11.7	8.7	5.4	2.7	1.6			
-60		1.8	3.6	5.9	8.3	10.2	11.3	11.9	11.9	11.3	10.2	8.3	5.9	3.6	1.8				
-70	0.4	3.5		9.1		14.4		16.0		14.4		9.1		3.5		0.4			
-80		3.5		9.1		14.4		16.0		14.4		9.1		3.5					
-90	0.4	3.5		9.1		14.4		16.0		14.4		9.1		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

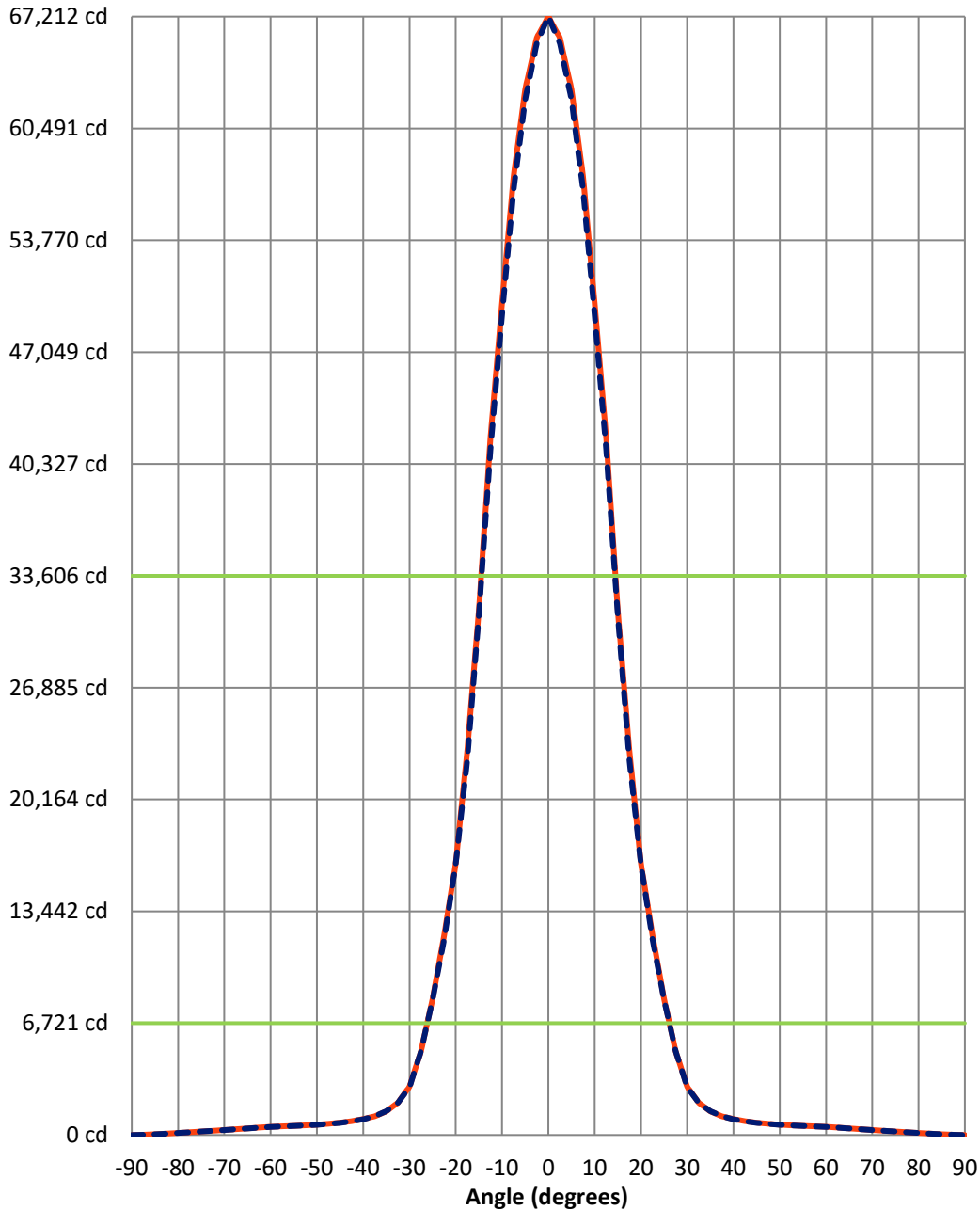
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 10209.6  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 17229.7  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 3769.8  
 Efficiency: 18.0%

— 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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MR-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	0.8	1.5	2.3	3.0	3.7	4.5	5.2	5.9	6.6	7.3
85°	0.0	1.5	3.0	4.5	6.0	7.5	8.9	10.4	11.8	13.2	14.6
82.5°	0.0	2.3	4.5	6.8	9.0	11.2	13.4	15.6	18.1	22.1	26.4
80°	0.0	3.0	6.0	9.0	12.0	14.9	18.2	23.4	29.0	34.7	40.8
77.5°	0.0	3.7	7.5	11.2	14.9	19.5	25.9	32.6	39.8	47.2	55.4
75°	0.0	4.5	8.9	13.4	18.2	25.9	33.5	41.7	50.6	61.0	71.3
72.5°	0.0	5.2	10.4	15.6	23.3	32.2	41.0	51.2	63.3	75.3	87.1
70°	0.0	5.9	11.8	18.0	28.2	38.4	48.7	62.2	75.8	89.4	104.0
67.5°	0.0	6.6	13.2	21.7	33.1	44.5	58.1	73.0	88.2	104.7	121.0
65°	0.0	7.3	14.6	25.3	37.9	51.4	67.4	83.6	101.7	119.9	138.2
62.5°	0.0	8.0	16.0	28.8	42.7	58.9	76.4	94.9	114.9	134.9	155.9
60°	0.0	8.6	17.3	32.3	47.3	66.3	85.3	106.2	127.8	150.1	173.1
57.5°	0.0	9.3	19.5	35.7	53.0	73.5	94.6	117.3	140.7	164.8	190.0
55°	0.0	9.9	21.7	39.0	58.6	80.6	103.7	128.0	153.1	179.2	206.7
52.5°	0.0	10.5	23.8	42.2	64.1	87.5	112.5	138.5	165.1	193.8	222.9
50°	0.0	11.1	25.9	45.2	69.4	94.4	120.9	148.6	176.9	207.8	237.8
47.5°	0.0	11.7	27.9	48.4	74.5	101.1	129.0	158.3	188.9	221.4	252.0
45°	0.0	12.2	29.8	52.1	79.4	107.4	137.0	167.7	200.6	233.4	265.4
42.5°	0.0	12.8	31.6	55.6	84.1	113.4	144.7	177.0	211.6	244.7	277.7
40°	0.0	13.3	33.3	58.9	88.6	119.1	152.0	186.1	221.7	255.3	289.3
37.5°	0.0	13.7	35.0	62.0	92.9	124.5	158.9	194.6	230.7	265.5	300.3
35°	0.0	14.2	36.6	64.9	96.9	129.7	165.4	202.5	239.2	275.0	310.7
32.5°	0.0	14.6	38.0	67.6	100.7	134.8	171.6	209.8	247.1	284.0	320.7
30°	0.0	15.0	39.4	70.0	104.1	139.6	177.4	216.4	254.5	292.3	330.1
27.5°	0.0	15.3	40.7	72.2	107.3	143.9	182.8	222.3	261.2	300.0	338.7
25°	0.0	15.7	41.8	74.2	110.2	147.9	187.6	227.7	267.4	307.0	346.5
22.5°	0.0	16.0	42.9	76.0	112.9	151.5	191.9	232.5	272.9	313.3	354.4
20°	0.0	16.3	43.8	77.5	115.3	154.7	195.6	236.8	277.9	318.9	361.4
17.5°	0.0	16.5	44.7	78.9	117.5	157.4	199.1	240.5	282.1	323.8	367.5
15°	0.0	16.7	45.4	80.0	119.5	159.6	202.2	243.9	285.8	327.9	372.7
12.5°	0.0	16.9	46.1	80.8	121.2	161.4	204.9	247.1	289.2	331.2	377.0
10°	0.0	17.0	46.6	81.5	122.5	162.7	207.2	249.8	292.2	335.2	380.9
7.5°	0.0	17.2	47.0	81.9	123.6	163.6	209.0	251.8	294.6	338.8	385.3
5°	0.0	17.2	47.3	82.2	124.4	164.1	210.3	253.3	296.3	341.7	388.7
2.5°	0.0	17.3	47.4	82.2	124.9	164.2	211.1	254.2	297.4	343.8	391.1
0°	0.0	17.3	47.5	82.0	125.1	163.9	211.4	254.5	297.7	345.1	392.6
-2.5°	0.0	17.3	47.4	82.2	124.9	164.2	211.1	254.2	297.4	343.8	391.1
-5°	0.0	17.2	47.3	82.2	124.4	164.1	210.3	253.3	296.3	341.7	388.7
-7.5°	0.0	17.2	47.0	81.9	123.6	163.6	209.0	251.8	294.6	338.8	385.3
-10°	0.0	17.0	46.6	81.5	122.5	162.7	207.2	249.8	292.2	335.2	380.9
-12.5°	0.0	16.9	46.1	80.8	121.2	161.4	204.9	247.1	289.2	331.2	377.0
-15°	0.0	16.7	45.4	80.0	119.5	159.6	202.2	243.9	285.8	327.9	372.7
-17.5°	0.0	16.5	44.7	78.9	117.5	157.4	199.1	240.5	282.1	323.8	367.5
-20°	0.0	16.3	43.8	77.5	115.3	154.7	195.6	236.8	277.9	318.9	361.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-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	16.0	42.9	76.0	112.9	151.5	191.9	232.5	272.9	313.3	354.4
-25°	0.0	15.7	41.8	74.2	110.2	147.9	187.6	227.7	267.4	307.0	346.5
-27.5°	0.0	15.3	40.7	72.2	107.3	143.9	182.8	222.3	261.2	300.0	338.7
-30°	0.0	15.0	39.4	70.0	104.1	139.6	177.4	216.4	254.5	292.3	330.1
-32.5°	0.0	14.6	38.0	67.6	100.7	134.8	171.6	209.8	247.1	284.0	320.7
-35°	0.0	14.2	36.6	64.9	96.9	129.7	165.4	202.5	239.2	275.0	310.7
-37.5°	0.0	13.7	35.0	62.0	92.9	124.5	158.9	194.6	230.7	265.5	300.3
-40°	0.0	13.3	33.3	58.9	88.6	119.1	152.0	186.1	221.7	255.3	289.3
-42.5°	0.0	12.8	31.6	55.6	84.1	113.4	144.7	177.0	211.6	244.7	277.7
-45°	0.0	12.2	29.8	52.1	79.4	107.4	137.0	167.7	200.6	233.4	265.4
-47.5°	0.0	11.7	27.9	48.4	74.5	101.1	129.0	158.3	188.9	221.4	252.0
-50°	0.0	11.1	25.9	45.2	69.4	94.4	120.9	148.6	176.9	207.8	237.8
-52.5°	0.0	10.5	23.8	42.2	64.1	87.5	112.5	138.5	165.1	193.8	222.9
-55°	0.0	9.9	21.7	39.0	58.6	80.6	103.7	128.0	153.1	179.2	206.7
-57.5°	0.0	9.3	19.5	35.7	53.0	73.5	94.6	117.3	140.7	164.8	190.0
-60°	0.0	8.6	17.3	32.3	47.3	66.3	85.3	106.2	127.8	150.1	173.1
-62.5°	0.0	8.0	16.0	28.8	42.7	58.9	76.4	94.9	114.9	134.9	155.9
-65°	0.0	7.3	14.6	25.3	37.9	51.4	67.4	83.6	101.7	119.9	138.2
-67.5°	0.0	6.6	13.2	21.7	33.1	44.5	58.1	73.0	88.2	104.7	121.0
-70°	0.0	5.9	11.8	18.0	28.2	38.4	48.7	62.2	75.8	89.4	104.0
-72.5°	0.0	5.2	10.4	15.6	23.3	32.2	41.0	51.2	63.3	75.3	87.1
-75°	0.0	4.5	8.9	13.4	18.2	25.9	33.5	41.7	50.6	61.0	71.3
-77.5°	0.0	3.7	7.5	11.2	14.9	19.5	25.9	32.6	39.8	47.2	55.4
-80°	0.0	3.0	6.0	9.0	12.0	14.9	18.2	23.4	29.0	34.7	40.8
-82.5°	0.0	2.3	4.5	6.8	9.0	11.2	13.4	15.6	18.1	22.1	26.4
-85°	0.0	1.5	3.0	4.5	6.0	7.5	8.9	10.4	11.8	13.2	14.6
-87.5°	0.0	0.8	1.5	2.3	3.0	3.7	4.5	5.2	5.9	6.6	7.3
-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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.0	8.6	9.3	9.9	10.5	11.1	11.7	12.2	12.8	13.3	13.7
85°	16.0	17.3	19.8	22.3	24.8	27.1	29.4	31.6	33.6	35.6	37.5
82.5°	30.5	34.4	38.3	42.1	45.7	49.2	52.6	55.9	59.0	62.0	64.8
80°	46.3	51.5	56.9	61.7	66.5	71.2	75.8	80.1	84.3	88.8	93.5
77.5°	63.0	69.7	75.9	81.4	87.5	94.9	102.0	108.8	115.3	121.5	127.5
75°	80.2	87.9	96.3	104.6	113.3	122.1	130.7	138.9	147.0	155.2	163.4
72.5°	98.3	108.7	118.9	128.8	139.7	150.4	160.3	169.3	179.4	190.6	200.8
70°	117.5	129.6	142.4	155.1	167.5	179.4	191.6	203.8	216.2	228.2	239.7
67.5°	136.8	152.0	166.8	181.2	195.2	209.5	224.0	238.8	253.1	266.7	280.0
65°	157.4	174.4	190.9	207.0	222.6	240.1	257.2	273.8	291.9	308.6	323.2
62.5°	177.4	196.4	214.7	232.9	251.9	271.2	291.1	311.9	333.4	348.9	362.3
60°	196.7	218.1	238.5	259.4	280.6	302.4	325.2	347.4	367.0	384.0	398.0
57.5°	215.5	239.4	262.0	284.7	307.9	332.7	357.8	380.5	398.8	415.1	430.5
55°	233.7	260.2	284.3	308.4	334.8	363.9	389.6	410.0	428.7	442.2	457.0
52.5°	251.0	279.4	304.6	331.7	361.8	392.0	417.5	437.4	453.1	467.1	481.5
50°	267.6	296.2	324.1	354.9	386.7	416.9	442.9	461.1	476.9	491.4	505.3
47.5°	282.6	312.3	343.9	376.8	410.1	439.9	464.8	483.4	499.7	514.7	530.0
45°	296.8	328.7	362.2	398.3	432.4	462.0	484.6	504.6	520.3	537.2	556.3
42.5°	310.3	344.4	380.8	419.3	454.1	481.2	503.1	522.2	540.4	560.6	581.9
40°	323.6	359.1	398.5	438.9	474.4	497.9	519.8	540.1	561.0	584.0	607.2
37.5°	336.0	374.2	415.1	457.2	489.3	513.7	536.3	559.0	582.5	607.2	636.0
35°	347.5	388.0	430.9	471.6	502.4	529.0	553.3	577.9	604.2	634.4	666.2
32.5°	358.6	400.6	445.6	483.8	514.5	542.8	569.6	597.4	627.6	660.8	697.1
30°	369.5	412.9	458.5	496.2	525.1	554.2	585.6	616.5	650.1	686.9	729.7
27.5°	380.0	424.3	469.3	506.0	534.5	564.1	597.8	635.4	672.0	712.4	761.9
25°	389.7	436.1	479.9	513.7	542.6	573.5	608.8	648.8	691.8	739.9	800.5
22.5°	398.9	446.7	490.0	520.3	549.3	581.8	619.7	662.0	708.8	764.5	838.6
20°	407.5	455.0	496.7	526.3	554.8	588.5	629.2	673.7	727.2	794.7	883.3
17.5°	415.0	462.0	501.3	531.3	560.7	595.3	637.3	683.6	743.8	821.3	926.2
15°	421.4	467.7	505.3	535.1	565.7	602.3	645.5	696.1	761.9	847.4	963.2
12.5°	426.7	472.2	508.7	537.9	569.6	607.5	652.6	708.0	780.0	875.9	1013.1
10°	430.9	475.4	511.3	539.6	572.3	610.9	658.1	717.3	794.6	899.6	1055.9
7.5°	434.9	478.3	513.2	540.3	573.9	612.6	661.9	723.9	805.4	917.4	1090.0
5°	437.8	481.0	514.3	541.9	574.9	613.4	664.5	727.8	812.1	929.2	1114.0
2.5°	439.5	482.7	514.3	543.2	574.9	613.7	667.6	729.9	819.5	939.1	1127.7
0°	440.1	483.2	513.4	543.6	573.8	612.6	668.7	729.1	824.0	944.8	1130.3
-2.5°	439.5	482.7	514.3	543.2	574.9	613.7	667.6	729.9	819.5	939.1	1127.7
-5°	437.8	481.0	514.3	541.9	574.9	613.4	664.5	727.8	812.1	929.2	1114.0
-7.5°	434.9	478.3	513.2	540.3	573.9	612.6	661.9	723.9	805.4	917.4	1090.0
-10°	430.9	475.4	511.3	539.6	572.3	610.9	658.1	717.3	794.6	899.6	1055.9
-12.5°	426.7	472.2	508.7	537.9	569.6	607.5	652.6	708.0	780.0	875.9	1013.1
-15°	421.4	467.7	505.3	535.1	565.7	602.3	645.5	696.1	761.9	847.4	963.2
-17.5°	415.0	462.0	501.3	531.3	560.7	595.3	637.3	683.6	743.8	821.3	926.2
-20°	407.5	455.0	496.7	526.3	554.8	588.5	629.2	673.7	727.2	794.7	883.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-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°	398.9	446.7	490.0	520.3	549.3	581.8	619.7	662.0	708.8	764.5	838.6
-25°	389.7	436.1	479.9	513.7	542.6	573.5	608.8	648.8	691.8	739.9	800.5
-27.5°	380.0	424.3	469.3	506.0	534.5	564.1	597.8	635.4	672.0	712.4	761.9
-30°	369.5	412.9	458.5	496.2	525.1	554.2	585.6	616.5	650.1	686.9	729.7
-32.5°	358.6	400.6	445.6	483.8	514.5	542.8	569.6	597.4	627.6	660.8	697.1
-35°	347.5	388.0	430.9	471.6	502.4	529.0	553.3	577.9	604.2	634.4	666.2
-37.5°	336.0	374.2	415.1	457.2	489.3	513.7	536.3	559.0	582.5	607.2	636.0
-40°	323.6	359.1	398.5	438.9	474.4	497.9	519.8	540.1	561.0	584.0	607.2
-42.5°	310.3	344.4	380.8	419.3	454.1	481.2	503.1	522.2	540.4	560.6	581.9
-45°	296.8	328.7	362.2	398.3	432.4	462.0	484.6	504.6	520.3	537.2	556.3
-47.5°	282.6	312.3	343.9	376.8	410.1	439.9	464.8	483.4	499.7	514.7	530.0
-50°	267.6	296.2	324.1	354.9	386.7	416.9	442.9	461.1	476.9	491.4	505.3
-52.5°	251.0	279.4	304.6	331.7	361.8	392.0	417.5	437.4	453.1	467.1	481.5
-55°	233.7	260.2	284.3	308.4	334.8	363.9	389.6	410.0	428.7	442.2	457.0
-57.5°	215.5	239.4	262.0	284.7	307.9	332.7	357.8	380.5	398.8	415.1	430.5
-60°	196.7	218.1	238.5	259.4	280.6	302.4	325.2	347.4	367.0	384.0	398.0
-62.5°	177.4	196.4	214.7	232.9	251.9	271.2	291.1	311.9	333.4	348.9	362.3
-65°	157.4	174.4	190.9	207.0	222.6	240.1	257.2	273.8	291.9	308.6	323.2
-67.5°	136.8	152.0	166.8	181.2	195.2	209.5	224.0	238.8	253.1	266.7	280.0
-70°	117.5	129.6	142.4	155.1	167.5	179.4	191.6	203.8	216.2	228.2	239.7
-72.5°	98.3	108.7	118.9	128.8	139.7	150.4	160.3	169.3	179.4	190.6	200.8
-75°	80.2	87.9	96.3	104.6	113.3	122.1	130.7	138.9	147.0	155.2	163.4
-77.5°	63.0	69.7	75.9	81.4	87.5	94.9	102.0	108.8	115.3	121.5	127.5
-80°	46.3	51.5	56.9	61.7	66.5	71.2	75.8	80.1	84.3	88.8	93.5
-82.5°	30.5	34.4	38.3	42.1	45.7	49.2	52.6	55.9	59.0	62.0	64.8
-85°	16.0	17.3	19.8	22.3	24.8	27.1	29.4	31.6	33.6	35.6	37.5
-87.5°	8.0	8.6	9.3	9.9	10.5	11.1	11.7	12.2	12.8	13.3	13.7
-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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	14.2	14.6	15.0	15.3	15.7	16.0	16.3	16.5	16.7	16.9	17.0
85°	39.3	41.0	42.5	44.0	45.3	45.7	45.8	45.7	45.5	46.1	46.6
82.5°	67.5	70.5	73.6	76.6	79.6	80.7	81.5	82.0	82.4	83.5	84.5
80°	98.0	102.8	107.2	111.2	114.7	117.2	119.5	121.6	123.5	124.4	124.8
77.5°	133.4	139.2	144.7	149.7	154.3	158.0	161.0	163.4	165.3	166.5	167.2
75°	171.6	179.0	185.5	191.5	197.1	201.0	203.7	205.7	207.1	208.5	209.7
72.5°	210.1	218.4	226.2	233.5	239.9	244.5	247.6	250.2	252.1	253.6	254.3
70°	250.6	260.6	269.2	276.5	282.3	286.6	290.0	292.8	294.9	296.3	297.1
67.5°	292.6	303.3	311.3	317.7	322.9	327.5	331.7	334.8	336.9	339.0	341.2
65°	335.4	346.2	354.5	361.2	366.7	372.6	378.1	382.1	384.8	387.2	389.7
62.5°	375.6	387.9	397.4	406.3	415.2	423.7	428.7	432.5	435.2	437.6	440.4
60°	412.1	426.0	437.7	448.4	459.5	470.5	475.0	478.6	481.9	485.1	487.9
57.5°	444.5	459.3	473.5	484.1	494.7	505.0	512.1	516.0	518.6	520.1	521.2
55°	472.7	487.5	501.7	513.9	525.3	535.9	543.8	547.7	550.5	552.3	553.4
52.5°	498.0	513.9	529.0	542.6	554.9	566.3	576.2	581.4	585.7	588.7	589.7
50°	522.8	540.0	556.3	570.9	585.2	598.9	611.4	618.7	623.9	627.0	628.0
47.5°	548.8	567.4	585.0	601.9	618.2	634.4	649.3	659.3	666.6	672.1	676.0
45°	575.8	595.8	615.3	635.3	654.0	674.9	693.8	708.3	719.0	728.2	735.7
42.5°	602.9	625.4	647.9	673.6	699.1	722.9	745.4	764.6	782.1	799.2	812.6
40°	632.5	657.1	687.8	718.2	749.7	777.4	810.2	839.5	866.5	895.6	919.7
37.5°	664.8	696.4	732.8	769.2	810.2	850.0	895.8	940.8	980.1	1031.1	1072.0
35°	699.9	740.0	783.0	831.9	884.7	947.1	1011.2	1086.4	1150.2	1231.2	1306.0
32.5°	739.1	786.3	842.0	909.2	980.6	1080.7	1174.6	1302.1	1411.0	1551.6	1705.2
30°	779.0	839.9	915.7	1002.5	1123.1	1265.2	1431.0	1646.5	1879.6	2120.8	2445.5
27.5°	826.2	905.3	999.9	1134.0	1314.4	1511.2	1848.7	2213.2	2720.9	3122.9	3838.8
25°	877.0	975.0	1114.8	1309.1	1558.5	1956.6	2526.3	3186.1	4202.1	5105.9	6144.5
22.5°	937.3	1070.3	1255.4	1509.9	1944.6	2629.5	3518.8	4873.8	6379.9	7866.5	9225.2
20°	1001.1	1161.8	1420.5	1835.1	2506.9	3497.3	5084.1	7020.2	9019.7	11057.0	12773.8
17.5°	1075.6	1293.8	1634.6	2185.2	3143.7	4839.4	6958.8	9420.7	12032.9	14632.6	16890.7
15°	1139.6	1409.2	1868.2	2692.9	4122.2	6243.2	8848.1	11957.2	15242.3	18616.1	22272.6
12.5°	1221.3	1548.3	2108.8	3112.6	4990.4	7747.1	10934.4	14544.3	18555.8	23035.3	28735.8
10°	1296.2	1694.1	2425.3	3785.1	6034.0	9152.0	12736.6	16832.1	22035.4	28767.0	35643.1
7.5°	1356.2	1809.8	2670.8	4309.9	6909.2	10352.2	14359.3	19269.6	25761.1	33776.9	41633.4
5°	1398.0	1890.0	2846.5	4706.4	7613.1	11269.4	15510.8	21066.4	28901.5	37877.8	45899.7
2.5°	1424.2	1933.9	2932.4	4941.8	8072.3	11821.3	16229.3	22208.3	30826.2	40488.3	48610.2
0°	1436.7	1941.4	2877.6	5056.3	8136.8	11782.3	16295.1	22589.6	31282.9	41197.2	49286.5
-2.5°	1424.2	1933.9	2932.4	4941.8	8072.3	11821.3	16229.3	22208.3	30826.2	40488.3	48610.2
-5°	1398.0	1890.0	2846.5	4706.4	7613.1	11269.4	15510.8	21066.4	28901.5	37877.8	45899.7
-7.5°	1356.2	1809.8	2670.8	4309.9	6909.2	10352.2	14359.3	19269.6	25761.1	33776.9	41633.4
-10°	1296.2	1694.1	2425.3	3785.1	6034.0	9152.0	12736.6	16832.1	22035.4	28767.0	35643.1
-12.5°	1221.3	1548.3	2108.8	3112.6	4990.4	7747.1	10934.4	14544.3	18555.8	23035.3	28735.8
-15°	1139.6	1409.2	1868.2	2692.9	4122.2	6243.2	8848.1	11957.2	15242.3	18616.1	22272.6
-17.5°	1075.6	1293.8	1634.6	2185.2	3143.7	4839.4	6958.8	9420.7	12032.9	14632.6	16890.7
-20°	1001.1	1161.8	1420.5	1835.1	2506.9	3497.3	5084.1	7020.2	9019.7	11057.0	12773.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	937.3	1070.3	1255.4	1509.9	1944.6	2629.5	3518.8	4873.8	6379.9	7866.5	9225.2
-25°	877.0	975.0	1114.8	1309.1	1558.5	1956.6	2526.3	3186.1	4202.1	5105.9	6144.5
-27.5°	826.2	905.3	999.9	1134.0	1314.4	1511.2	1848.7	2213.2	2720.9	3122.9	3838.8
-30°	779.0	839.9	915.7	1002.5	1123.1	1265.2	1431.0	1646.5	1879.6	2120.8	2445.5
-32.5°	739.1	786.3	842.0	909.2	980.6	1080.7	1174.6	1302.1	1411.0	1551.6	1705.2
-35°	699.9	740.0	783.0	831.9	884.7	947.1	1011.2	1086.4	1150.2	1231.2	1306.0
-37.5°	664.8	696.4	732.8	769.2	810.2	850.0	895.8	940.8	980.1	1031.1	1072.0
-40°	632.5	657.1	687.8	718.2	749.7	777.4	810.2	839.5	866.5	895.6	919.7
-42.5°	602.9	625.4	647.9	673.6	699.1	722.9	745.4	764.6	782.1	799.2	812.6
-45°	575.8	595.8	615.3	635.3	654.0	674.9	693.8	708.3	719.0	728.2	735.7
-47.5°	548.8	567.4	585.0	601.9	618.2	634.4	649.3	659.3	666.6	672.1	676.0
-50°	522.8	540.0	556.3	570.9	585.2	598.9	611.4	618.7	623.9	627.0	628.0
-52.5°	498.0	513.9	529.0	542.6	554.9	566.3	576.2	581.4	585.7	588.7	589.7
-55°	472.7	487.5	501.7	513.9	525.3	535.9	543.8	547.7	550.5	552.3	553.4
-57.5°	444.5	459.3	473.5	484.1	494.7	505.0	512.1	516.0	518.6	520.1	521.2
-60°	412.1	426.0	437.7	448.4	459.5	470.5	475.0	478.6	481.9	485.1	487.9
-62.5°	375.6	387.9	397.4	406.3	415.2	423.7	428.7	432.5	435.2	437.6	440.4
-65°	335.4	346.2	354.5	361.2	366.7	372.6	378.1	382.1	384.8	387.2	389.7
-67.5°	292.6	303.3	311.3	317.7	322.9	327.5	331.7	334.8	336.9	339.0	341.2
-70°	250.6	260.6	269.2	276.5	282.3	286.6	290.0	292.8	294.9	296.3	297.1
-72.5°	210.1	218.4	226.2	233.5	239.9	244.5	247.6	250.2	252.1	253.6	254.3
-75°	171.6	179.0	185.5	191.5	197.1	201.0	203.7	205.7	207.1	208.5	209.7
-77.5°	133.4	139.2	144.7	149.7	154.3	158.0	161.0	163.4	165.3	166.5	167.2
-80°	98.0	102.8	107.2	111.2	114.7	117.2	119.5	121.6	123.5	124.4	124.8
-82.5°	67.5	70.5	73.6	76.6	79.6	80.7	81.5	82.0	82.4	83.5	84.5
-85°	39.3	41.0	42.5	44.0	45.3	45.7	45.8	45.7	45.5	46.1	46.6
-87.5°	14.2	14.6	15.0	15.3	15.7	16.0	16.3	16.5	16.7	16.9	17.0
-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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	17.2	17.2	17.3	17.3	17.3	17.2	17.2	17.0	16.9	16.7	16.5
85°	47.0	47.3	47.4	47.5	47.4	47.3	47.0	46.6	46.1	45.5	45.7
82.5°	85.3	85.9	86.2	86.3	86.2	85.9	85.3	84.5	83.5	82.4	82.0
80°	124.8	124.5	125.0	125.1	125.0	124.5	124.8	124.8	124.4	123.5	121.6
77.5°	167.6	167.5	168.1	168.3	168.1	167.5	167.6	167.2	166.5	165.3	163.4
75°	210.3	210.5	211.1	211.4	211.1	210.5	210.3	209.7	208.5	207.1	205.7
72.5°	254.2	253.5	254.2	254.5	254.2	253.5	254.2	254.3	253.6	252.1	250.2
70°	297.2	296.6	299.4	302.0	299.4	296.6	297.2	297.1	296.3	294.9	292.8
67.5°	342.7	343.6	346.7	349.5	346.7	343.6	342.7	341.2	339.0	336.9	334.8
65°	390.9	391.1	394.0	396.9	394.0	391.1	390.9	389.7	387.2	384.8	382.1
62.5°	442.1	442.6	445.7	448.7	445.7	442.6	442.1	440.4	437.6	435.2	432.5
60°	489.6	490.1	491.2	491.8	491.2	490.1	489.6	487.9	485.1	481.9	478.6
57.5°	521.6	521.1	521.6	522.0	521.6	521.1	521.6	521.2	520.1	518.6	516.0
55°	553.2	551.8	550.1	547.9	550.1	551.8	553.2	553.4	552.3	550.5	547.7
52.5°	588.9	586.6	584.5	582.4	584.5	586.6	588.9	589.7	588.7	585.7	581.4
50°	627.4	625.4	623.4	621.3	623.4	625.4	627.4	628.0	627.0	623.9	618.7
47.5°	678.7	679.6	679.2	677.3	679.2	679.6	678.7	676.0	672.1	666.6	659.3
45°	740.9	743.4	743.7	742.1	743.7	743.4	740.9	735.7	728.2	719.0	708.3
42.5°	822.1	827.6	830.6	832.7	830.6	827.6	822.1	812.6	799.2	782.1	764.6
40°	937.2	948.4	955.5	962.1	955.5	948.4	937.2	919.7	895.6	866.5	839.5
37.5°	1102.3	1122.6	1131.6	1126.0	1131.6	1122.6	1102.3	1072.0	1031.1	980.1	940.8
35°	1363.6	1402.1	1422.0	1423.7	1422.0	1402.1	1363.6	1306.0	1231.2	1150.2	1086.4
32.5°	1818.8	1897.5	1939.8	1945.7	1939.8	1897.5	1818.8	1705.2	1551.6	1411.0	1302.1
30°	2694.1	2854.6	2930.0	2912.1	2930.0	2854.6	2694.1	2445.5	2120.8	1879.6	1646.5
27.5°	4395.4	4795.8	5033.2	5052.0	5033.2	4795.8	4395.4	3838.8	3122.9	2720.9	2213.2
25°	7064.4	7748.0	8185.8	8192.8	8185.8	7748.0	7064.4	6144.5	5105.9	4202.1	3186.1
22.5°	10481.6	11414.8	11926.0	12015.3	11926.0	11414.8	10481.6	9225.2	7866.5	6379.9	4873.8
20°	14440.6	15681.9	16346.1	16346.8	16346.1	15681.9	14440.6	12773.8	11057.0	9019.7	7020.2
17.5°	19316.2	21331.8	22597.2	23141.9	22597.2	21331.8	19316.2	16890.7	14632.6	12032.9	9420.7
15°	25793.6	29180.8	31210.5	31576.3	31210.5	29180.8	25793.6	22272.6	18616.1	15242.3	11957.2
12.5°	33680.4	37967.1	40848.6	41904.7	40848.6	37967.1	33680.4	28735.8	23035.3	18555.8	14544.3
10°	41915.1	45886.9	48973.9	50011.3	48973.9	45886.9	41915.1	35643.1	28767.0	22035.4	16832.1
7.5°	47864.0	52600.2	56077.4	57604.4	56077.4	52600.2	47864.0	41633.4	33776.9	25761.1	19269.6
5°	52560.0	58164.1	61401.0	62837.6	61401.0	58164.1	52560.0	45899.7	37877.8	28901.5	21066.4
2.5°	55641.1	61178.6	64606.3	65931.0	64606.3	61178.6	55641.1	48610.2	40488.3	30826.2	22208.3
0°	56793.3	62207.8	65594.5	67212.3	65594.5	62207.8	56793.3	49286.5	41197.2	31282.9	22589.6
-2.5°	55641.1	61178.6	64606.3	65931.0	64606.3	61178.6	55641.1	48610.2	40488.3	30826.2	22208.3
-5°	52560.0	58164.1	61401.0	62837.6	61401.0	58164.1	52560.0	45899.7	37877.8	28901.5	21066.4
-7.5°	47864.0	52600.2	56077.4	57604.4	56077.4	52600.2	47864.0	41633.4	33776.9	25761.1	19269.6
-10°	41915.1	45886.9	48973.9	50011.3	48973.9	45886.9	41915.1	35643.1	28767.0	22035.4	16832.1
-12.5°	33680.4	37967.1	40848.6	41904.7	40848.6	37967.1	33680.4	28735.8	23035.3	18555.8	14544.3
-15°	25793.6	29180.8	31210.5	31576.3	31210.5	29180.8	25793.6	22272.6	18616.1	15242.3	11957.2
-17.5°	19316.2	21331.8	22597.2	23141.9	22597.2	21331.8	19316.2	16890.7	14632.6	12032.9	9420.7
-20°	14440.6	15681.9	16346.1	16346.8	16346.1	15681.9	14440.6	12773.8	11057.0	9019.7	7020.2



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	10481.6	11414.8	11926.0	12015.3	11926.0	11414.8	10481.6	9225.2	7866.5	6379.9	4873.8
-25°	7064.4	7748.0	8185.8	8192.8	8185.8	7748.0	7064.4	6144.5	5105.9	4202.1	3186.1
-27.5°	4395.4	4795.8	5033.2	5052.0	5033.2	4795.8	4395.4	3838.8	3122.9	2720.9	2213.2
-30°	2694.1	2854.6	2930.0	2912.1	2930.0	2854.6	2694.1	2445.5	2120.8	1879.6	1646.5
-32.5°	1818.8	1897.5	1939.8	1945.7	1939.8	1897.5	1818.8	1705.2	1551.6	1411.0	1302.1
-35°	1363.6	1402.1	1422.0	1423.7	1422.0	1402.1	1363.6	1306.0	1231.2	1150.2	1086.4
-37.5°	1102.3	1122.6	1131.6	1126.0	1131.6	1122.6	1102.3	1072.0	1031.1	980.1	940.8
-40°	937.2	948.4	955.5	962.1	955.5	948.4	937.2	919.7	895.6	866.5	839.5
-42.5°	822.1	827.6	830.6	832.7	830.6	827.6	822.1	812.6	799.2	782.1	764.6
-45°	740.9	743.4	743.7	742.1	743.7	743.4	740.9	735.7	728.2	719.0	708.3
-47.5°	678.7	679.6	679.2	677.3	679.2	679.6	678.7	676.0	672.1	666.6	659.3
-50°	627.4	625.4	623.4	621.3	623.4	625.4	627.4	628.0	627.0	623.9	618.7
-52.5°	588.9	586.6	584.5	582.4	584.5	586.6	588.9	589.7	588.7	585.7	581.4
-55°	553.2	551.8	550.1	547.9	550.1	551.8	553.2	553.4	552.3	550.5	547.7
-57.5°	521.6	521.1	521.6	522.0	521.6	521.1	521.6	521.2	520.1	518.6	516.0
-60°	489.6	490.1	491.2	491.8	491.2	490.1	489.6	487.9	485.1	481.9	478.6
-62.5°	442.1	442.6	445.7	448.7	445.7	442.6	442.1	440.4	437.6	435.2	432.5
-65°	390.9	391.1	394.0	396.9	394.0	391.1	390.9	389.7	387.2	384.8	382.1
-67.5°	342.7	343.6	346.7	349.5	346.7	343.6	342.7	341.2	339.0	336.9	334.8
-70°	297.2	296.6	299.4	302.0	299.4	296.6	297.2	297.1	296.3	294.9	292.8
-72.5°	254.2	253.5	254.2	254.5	254.2	253.5	254.2	254.3	253.6	252.1	250.2
-75°	210.3	210.5	211.1	211.4	211.1	210.5	210.3	209.7	208.5	207.1	205.7
-77.5°	167.6	167.5	168.1	168.3	168.1	167.5	167.6	167.2	166.5	165.3	163.4
-80°	124.8	124.5	125.0	125.1	125.0	124.5	124.8	124.8	124.4	123.5	121.6
-82.5°	85.3	85.9	86.2	86.3	86.2	85.9	85.3	84.5	83.5	82.4	82.0
-85°	47.0	47.3	47.4	47.5	47.4	47.3	47.0	46.6	46.1	45.5	45.7
-87.5°	17.2	17.2	17.3	17.3	17.3	17.2	17.2	17.0	16.9	16.7	16.5
-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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	16.3	16.0	15.7	15.3	15.0	14.6	14.2	13.7	13.3	12.8	12.2
85°	45.8	45.7	45.3	44.0	42.5	41.0	39.3	37.5	35.6	33.6	31.6
82.5°	81.5	80.7	79.6	76.6	73.6	70.5	67.5	64.8	62.0	59.0	55.9
80°	119.5	117.2	114.7	111.2	107.2	102.8	98.0	93.5	88.8	84.3	80.1
77.5°	161.0	158.0	154.3	149.7	144.7	139.2	133.4	127.5	121.5	115.3	108.8
75°	203.7	201.0	197.1	191.5	185.5	179.0	171.6	163.4	155.2	147.0	138.9
72.5°	247.6	244.5	239.9	233.5	226.2	218.4	210.1	200.8	190.6	179.4	169.3
70°	290.0	286.6	282.3	276.5	269.2	260.6	250.6	239.7	228.2	216.2	203.8
67.5°	331.7	327.5	322.9	317.7	311.3	303.3	292.6	280.0	266.7	253.1	238.8
65°	378.1	372.6	366.7	361.2	354.5	346.2	335.4	323.2	308.6	291.9	273.8
62.5°	428.7	423.7	415.2	406.3	397.4	387.9	375.6	362.3	348.9	333.4	311.9
60°	475.0	470.5	459.5	448.4	437.7	426.0	412.1	398.0	384.0	367.0	347.4
57.5°	512.1	505.0	494.7	484.1	473.5	459.3	444.5	430.5	415.1	398.8	380.5
55°	543.8	535.9	525.3	513.9	501.7	487.5	472.7	457.0	442.2	428.7	410.0
52.5°	576.2	566.3	554.9	542.6	529.0	513.9	498.0	481.5	467.1	453.1	437.4
50°	611.4	598.9	585.2	570.9	556.3	540.0	522.8	505.3	491.4	476.9	461.1
47.5°	649.3	634.4	618.2	601.9	585.0	567.4	548.8	530.0	514.7	499.7	483.4
45°	693.8	674.9	654.0	635.3	615.3	595.8	575.8	556.3	537.2	520.3	504.6
42.5°	745.4	722.9	699.1	673.6	647.9	625.4	602.9	581.9	560.6	540.4	522.2
40°	810.2	777.4	749.7	718.2	687.8	657.1	632.5	607.2	584.0	561.0	540.1
37.5°	895.8	850.0	810.2	769.2	732.8	696.4	664.8	636.0	607.2	582.5	559.0
35°	1011.2	947.1	884.7	831.9	783.0	740.0	699.9	666.2	634.4	604.2	577.9
32.5°	1174.6	1080.7	980.6	909.2	842.0	786.3	739.1	697.1	660.8	627.6	597.4
30°	1431.0	1265.2	1123.1	1002.5	915.7	839.9	779.0	729.7	686.9	650.1	616.5
27.5°	1848.7	1511.2	1314.4	1134.0	999.9	905.3	826.2	761.9	712.4	672.0	635.4
25°	2526.3	1956.6	1558.5	1309.1	1114.8	975.0	877.0	800.5	739.9	691.8	648.8
22.5°	3518.8	2629.5	1944.6	1509.9	1255.4	1070.3	937.3	838.6	764.5	708.8	662.0
20°	5084.1	3497.3	2506.9	1835.1	1420.5	1161.8	1001.1	883.3	794.7	727.2	673.7
17.5°	6958.8	4839.4	3143.7	2185.2	1634.6	1293.8	1075.6	926.2	821.3	743.8	683.6
15°	8848.1	6243.2	4122.2	2692.9	1868.2	1409.2	1139.6	963.2	847.4	761.9	696.1
12.5°	10934.4	7747.1	4990.4	3112.6	2108.8	1548.3	1221.3	1013.1	875.9	780.0	708.0
10°	12736.6	9152.0	6034.0	3785.1	2425.3	1694.1	1296.2	1055.9	899.6	794.6	717.3
7.5°	14359.3	10352.2	6909.2	4309.9	2670.8	1809.8	1356.2	1090.0	917.4	805.4	723.9
5°	15510.8	11269.4	7613.1	4706.4	2846.5	1890.0	1398.0	1114.0	929.2	812.1	727.8
2.5°	16229.3	11821.3	8072.3	4941.8	2932.4	1933.9	1424.2	1127.7	939.1	819.5	729.9
0°	16295.1	11782.3	8136.8	5056.3	2877.6	1941.4	1436.7	1130.3	944.8	824.0	729.1
-2.5°	16229.3	11821.3	8072.3	4941.8	2932.4	1933.9	1424.2	1127.7	939.1	819.5	729.9
-5°	15510.8	11269.4	7613.1	4706.4	2846.5	1890.0	1398.0	1114.0	929.2	812.1	727.8
-7.5°	14359.3	10352.2	6909.2	4309.9	2670.8	1809.8	1356.2	1090.0	917.4	805.4	723.9
-10°	12736.6	9152.0	6034.0	3785.1	2425.3	1694.1	1296.2	1055.9	899.6	794.6	717.3
-12.5°	10934.4	7747.1	4990.4	3112.6	2108.8	1548.3	1221.3	1013.1	875.9	780.0	708.0
-15°	8848.1	6243.2	4122.2	2692.9	1868.2	1409.2	1139.6	963.2	847.4	761.9	696.1
-17.5°	6958.8	4839.4	3143.7	2185.2	1634.6	1293.8	1075.6	926.2	821.3	743.8	683.6
-20°	5084.1	3497.3	2506.9	1835.1	1420.5	1161.8	1001.1	883.3	794.7	727.2	673.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3518.8	2629.5	1944.6	1509.9	1255.4	1070.3	937.3	838.6	764.5	708.8	662.0
-25°	2526.3	1956.6	1558.5	1309.1	1114.8	975.0	877.0	800.5	739.9	691.8	648.8
-27.5°	1848.7	1511.2	1314.4	1134.0	999.9	905.3	826.2	761.9	712.4	672.0	635.4
-30°	1431.0	1265.2	1123.1	1002.5	915.7	839.9	779.0	729.7	686.9	650.1	616.5
-32.5°	1174.6	1080.7	980.6	909.2	842.0	786.3	739.1	697.1	660.8	627.6	597.4
-35°	1011.2	947.1	884.7	831.9	783.0	740.0	699.9	666.2	634.4	604.2	577.9
-37.5°	895.8	850.0	810.2	769.2	732.8	696.4	664.8	636.0	607.2	582.5	559.0
-40°	810.2	777.4	749.7	718.2	687.8	657.1	632.5	607.2	584.0	561.0	540.1
-42.5°	745.4	722.9	699.1	673.6	647.9	625.4	602.9	581.9	560.6	540.4	522.2
-45°	693.8	674.9	654.0	635.3	615.3	595.8	575.8	556.3	537.2	520.3	504.6
-47.5°	649.3	634.4	618.2	601.9	585.0	567.4	548.8	530.0	514.7	499.7	483.4
-50°	611.4	598.9	585.2	570.9	556.3	540.0	522.8	505.3	491.4	476.9	461.1
-52.5°	576.2	566.3	554.9	542.6	529.0	513.9	498.0	481.5	467.1	453.1	437.4
-55°	543.8	535.9	525.3	513.9	501.7	487.5	472.7	457.0	442.2	428.7	410.0
-57.5°	512.1	505.0	494.7	484.1	473.5	459.3	444.5	430.5	415.1	398.8	380.5
-60°	475.0	470.5	459.5	448.4	437.7	426.0	412.1	398.0	384.0	367.0	347.4
-62.5°	428.7	423.7	415.2	406.3	397.4	387.9	375.6	362.3	348.9	333.4	311.9
-65°	378.1	372.6	366.7	361.2	354.5	346.2	335.4	323.2	308.6	291.9	273.8
-67.5°	331.7	327.5	322.9	317.7	311.3	303.3	292.6	280.0	266.7	253.1	238.8
-70°	290.0	286.6	282.3	276.5	269.2	260.6	250.6	239.7	228.2	216.2	203.8
-72.5°	247.6	244.5	239.9	233.5	226.2	218.4	210.1	200.8	190.6	179.4	169.3
-75°	203.7	201.0	197.1	191.5	185.5	179.0	171.6	163.4	155.2	147.0	138.9
-77.5°	161.0	158.0	154.3	149.7	144.7	139.2	133.4	127.5	121.5	115.3	108.8
-80°	119.5	117.2	114.7	111.2	107.2	102.8	98.0	93.5	88.8	84.3	80.1
-82.5°	81.5	80.7	79.6	76.6	73.6	70.5	67.5	64.8	62.0	59.0	55.9
-85°	45.8	45.7	45.3	44.0	42.5	41.0	39.3	37.5	35.6	33.6	31.6
-87.5°	16.3	16.0	15.7	15.3	15.0	14.6	14.2	13.7	13.3	12.8	12.2
-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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.6	5.9	5.2
85°	29.4	27.1	24.8	22.3	19.8	17.3	16.0	14.6	13.2	11.8	10.4
82.5°	52.6	49.2	45.7	42.1	38.3	34.4	30.5	26.4	22.1	18.1	15.6
80°	75.8	71.2	66.5	61.7	56.9	51.5	46.3	40.8	34.7	29.0	23.4
77.5°	102.0	94.9	87.5	81.4	75.9	69.7	63.0	55.4	47.2	39.8	32.6
75°	130.7	122.1	113.3	104.6	96.3	87.9	80.2	71.3	61.0	50.6	41.7
72.5°	160.3	150.4	139.7	128.8	118.9	108.7	98.3	87.1	75.3	63.3	51.2
70°	191.6	179.4	167.5	155.1	142.4	129.6	117.5	104.0	89.4	75.8	62.2
67.5°	224.0	209.5	195.2	181.2	166.8	152.0	136.8	121.0	104.7	88.2	73.0
65°	257.2	240.1	222.6	207.0	190.9	174.4	157.4	138.2	119.9	101.7	83.6
62.5°	291.1	271.2	251.9	232.9	214.7	196.4	177.4	155.9	134.9	114.9	94.9
60°	325.2	302.4	280.6	259.4	238.5	218.1	196.7	173.1	150.1	127.8	106.2
57.5°	357.8	332.7	307.9	284.7	262.0	239.4	215.5	190.0	164.8	140.7	117.3
55°	389.6	363.9	334.8	308.4	284.3	260.2	233.7	206.7	179.2	153.1	128.0
52.5°	417.5	392.0	361.8	331.7	304.6	279.4	251.0	222.9	193.8	165.1	138.5
50°	442.9	416.9	386.7	354.9	324.1	296.2	267.6	237.8	207.8	176.9	148.6
47.5°	464.8	439.9	410.1	376.8	343.9	312.3	282.6	252.0	221.4	188.9	158.3
45°	484.6	462.0	432.4	398.3	362.2	328.7	296.8	265.4	233.4	200.6	167.7
42.5°	503.1	481.2	454.1	419.3	380.8	344.4	310.3	277.7	244.7	211.6	177.0
40°	519.8	497.9	474.4	438.9	398.5	359.1	323.6	289.3	255.3	221.7	186.1
37.5°	536.3	513.7	489.3	457.2	415.1	374.2	336.0	300.3	265.5	230.7	194.6
35°	553.3	529.0	502.4	471.6	430.9	388.0	347.5	310.7	275.0	239.2	202.5
32.5°	569.6	542.8	514.5	483.8	445.6	400.6	358.6	320.7	284.0	247.1	209.8
30°	585.6	554.2	525.1	496.2	458.5	412.9	369.5	330.1	292.3	254.5	216.4
27.5°	597.8	564.1	534.5	506.0	469.3	424.3	380.0	338.7	300.0	261.2	222.3
25°	608.8	573.5	542.6	513.7	479.9	436.1	389.7	346.5	307.0	267.4	227.7
22.5°	619.7	581.8	549.3	520.3	490.0	446.7	398.9	354.4	313.3	272.9	232.5
20°	629.2	588.5	554.8	526.3	496.7	455.0	407.5	361.4	318.9	277.9	236.8
17.5°	637.3	595.3	560.7	531.3	501.3	462.0	415.0	367.5	323.8	282.1	240.5
15°	645.5	602.3	565.7	535.1	505.3	467.7	421.4	372.7	327.9	285.8	243.9
12.5°	652.6	607.5	569.6	537.9	508.7	472.2	426.7	377.0	331.2	289.2	247.1
10°	658.1	610.9	572.3	539.6	511.3	475.4	430.9	380.9	335.2	292.2	249.8
7.5°	661.9	612.6	573.9	540.3	513.2	478.3	434.9	385.3	338.8	294.6	251.8
5°	664.5	613.4	574.9	541.9	514.3	481.0	437.8	388.7	341.7	296.3	253.3
2.5°	667.6	613.7	574.9	543.2	514.3	482.7	439.5	391.1	343.8	297.4	254.2
0°	668.7	612.6	573.8	543.6	513.4	483.2	440.1	392.6	345.1	297.7	254.5
-2.5°	667.6	613.7	574.9	543.2	514.3	482.7	439.5	391.1	343.8	297.4	254.2
-5°	664.5	613.4	574.9	541.9	514.3	481.0	437.8	388.7	341.7	296.3	253.3
-7.5°	661.9	612.6	573.9	540.3	513.2	478.3	434.9	385.3	338.8	294.6	251.8
-10°	658.1	610.9	572.3	539.6	511.3	475.4	430.9	380.9	335.2	292.2	249.8
-12.5°	652.6	607.5	569.6	537.9	508.7	472.2	426.7	377.0	331.2	289.2	247.1
-15°	645.5	602.3	565.7	535.1	505.3	467.7	421.4	372.7	327.9	285.8	243.9
-17.5°	637.3	595.3	560.7	531.3	501.3	462.0	415.0	367.5	323.8	282.1	240.5
-20°	629.2	588.5	554.8	526.3	496.7	455.0	407.5	361.4	318.9	277.9	236.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-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°	619.7	581.8	549.3	520.3	490.0	446.7	398.9	354.4	313.3	272.9	232.5
-25°	608.8	573.5	542.6	513.7	479.9	436.1	389.7	346.5	307.0	267.4	227.7
-27.5°	597.8	564.1	534.5	506.0	469.3	424.3	380.0	338.7	300.0	261.2	222.3
-30°	585.6	554.2	525.1	496.2	458.5	412.9	369.5	330.1	292.3	254.5	216.4
-32.5°	569.6	542.8	514.5	483.8	445.6	400.6	358.6	320.7	284.0	247.1	209.8
-35°	553.3	529.0	502.4	471.6	430.9	388.0	347.5	310.7	275.0	239.2	202.5
-37.5°	536.3	513.7	489.3	457.2	415.1	374.2	336.0	300.3	265.5	230.7	194.6
-40°	519.8	497.9	474.4	438.9	398.5	359.1	323.6	289.3	255.3	221.7	186.1
-42.5°	503.1	481.2	454.1	419.3	380.8	344.4	310.3	277.7	244.7	211.6	177.0
-45°	484.6	462.0	432.4	398.3	362.2	328.7	296.8	265.4	233.4	200.6	167.7
-47.5°	464.8	439.9	410.1	376.8	343.9	312.3	282.6	252.0	221.4	188.9	158.3
-50°	442.9	416.9	386.7	354.9	324.1	296.2	267.6	237.8	207.8	176.9	148.6
-52.5°	417.5	392.0	361.8	331.7	304.6	279.4	251.0	222.9	193.8	165.1	138.5
-55°	389.6	363.9	334.8	308.4	284.3	260.2	233.7	206.7	179.2	153.1	128.0
-57.5°	357.8	332.7	307.9	284.7	262.0	239.4	215.5	190.0	164.8	140.7	117.3
-60°	325.2	302.4	280.6	259.4	238.5	218.1	196.7	173.1	150.1	127.8	106.2
-62.5°	291.1	271.2	251.9	232.9	214.7	196.4	177.4	155.9	134.9	114.9	94.9
-65°	257.2	240.1	222.6	207.0	190.9	174.4	157.4	138.2	119.9	101.7	83.6
-67.5°	224.0	209.5	195.2	181.2	166.8	152.0	136.8	121.0	104.7	88.2	73.0
-70°	191.6	179.4	167.5	155.1	142.4	129.6	117.5	104.0	89.4	75.8	62.2
-72.5°	160.3	150.4	139.7	128.8	118.9	108.7	98.3	87.1	75.3	63.3	51.2
-75°	130.7	122.1	113.3	104.6	96.3	87.9	80.2	71.3	61.0	50.6	41.7
-77.5°	102.0	94.9	87.5	81.4	75.9	69.7	63.0	55.4	47.2	39.8	32.6
-80°	75.8	71.2	66.5	61.7	56.9	51.5	46.3	40.8	34.7	29.0	23.4
-82.5°	52.6	49.2	45.7	42.1	38.3	34.4	30.5	26.4	22.1	18.1	15.6
-85°	29.4	27.1	24.8	22.3	19.8	17.3	16.0	14.6	13.2	11.8	10.4
-87.5°	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.6	5.9	5.2
-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: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-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°	4.5	3.7	3.0	2.3	1.5	0.8	0.0
85°	8.9	7.5	6.0	4.5	3.0	1.5	0.0
82.5°	13.4	11.2	9.0	6.8	4.5	2.3	0.0
80°	18.2	14.9	12.0	9.0	6.0	3.0	0.0
77.5°	25.9	19.5	14.9	11.2	7.5	3.7	0.0
75°	33.5	25.9	18.2	13.4	8.9	4.5	0.0
72.5°	41.0	32.2	23.3	15.6	10.4	5.2	0.0
70°	48.7	38.4	28.2	18.0	11.8	5.9	0.0
67.5°	58.1	44.5	33.1	21.7	13.2	6.6	0.0
65°	67.4	51.4	37.9	25.3	14.6	7.3	0.0
62.5°	76.4	58.9	42.7	28.8	16.0	8.0	0.0
60°	85.3	66.3	47.3	32.3	17.3	8.6	0.0
57.5°	94.6	73.5	53.0	35.7	19.5	9.3	0.0
55°	103.7	80.6	58.6	39.0	21.7	9.9	0.0
52.5°	112.5	87.5	64.1	42.2	23.8	10.5	0.0
50°	120.9	94.4	69.4	45.2	25.9	11.1	0.0
47.5°	129.0	101.1	74.5	48.4	27.9	11.7	0.0
45°	137.0	107.4	79.4	52.1	29.8	12.2	0.0
42.5°	144.7	113.4	84.1	55.6	31.6	12.8	0.0
40°	152.0	119.1	88.6	58.9	33.3	13.3	0.0
37.5°	158.9	124.5	92.9	62.0	35.0	13.7	0.0
35°	165.4	129.7	96.9	64.9	36.6	14.2	0.0
32.5°	171.6	134.8	100.7	67.6	38.0	14.6	0.0
30°	177.4	139.6	104.1	70.0	39.4	15.0	0.0
27.5°	182.8	143.9	107.3	72.2	40.7	15.3	0.0
25°	187.6	147.9	110.2	74.2	41.8	15.7	0.0
22.5°	191.9	151.5	112.9	76.0	42.9	16.0	0.0
20°	195.6	154.7	115.3	77.5	43.8	16.3	0.0
17.5°	199.1	157.4	117.5	78.9	44.7	16.5	0.0
15°	202.2	159.6	119.5	80.0	45.4	16.7	0.0
12.5°	204.9	161.4	121.2	80.8	46.1	16.9	0.0
10°	207.2	162.7	122.5	81.5	46.6	17.0	0.0
7.5°	209.0	163.6	123.6	81.9	47.0	17.2	0.0
5°	210.3	164.1	124.4	82.2	47.3	17.2	0.0
2.5°	211.1	164.2	124.9	82.2	47.4	17.3	0.0
0°	211.4	163.9	125.1	82.0	47.5	17.3	0.0
-2.5°	211.1	164.2	124.9	82.2	47.4	17.3	0.0
-5°	210.3	164.1	124.4	82.2	47.3	17.2	0.0
-7.5°	209.0	163.6	123.6	81.9	47.0	17.2	0.0
-10°	207.2	162.7	122.5	81.5	46.6	17.0	0.0
-12.5°	204.9	161.4	121.2	80.8	46.1	16.9	0.0
-15°	202.2	159.6	119.5	80.0	45.4	16.7	0.0
-17.5°	199.1	157.4	117.5	78.9	44.7	16.5	0.0
-20°	195.6	154.7	115.3	77.5	43.8	16.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627555 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	191.9	151.5	112.9	76.0	42.9	16.0	0.0
-25°	187.6	147.9	110.2	74.2	41.8	15.7	0.0
-27.5°	182.8	143.9	107.3	72.2	40.7	15.3	0.0
-30°	177.4	139.6	104.1	70.0	39.4	15.0	0.0
-32.5°	171.6	134.8	100.7	67.6	38.0	14.6	0.0
-35°	165.4	129.7	96.9	64.9	36.6	14.2	0.0
-37.5°	158.9	124.5	92.9	62.0	35.0	13.7	0.0
-40°	152.0	119.1	88.6	58.9	33.3	13.3	0.0
-42.5°	144.7	113.4	84.1	55.6	31.6	12.8	0.0
-45°	137.0	107.4	79.4	52.1	29.8	12.2	0.0
-47.5°	129.0	101.1	74.5	48.4	27.9	11.7	0.0
-50°	120.9	94.4	69.4	45.2	25.9	11.1	0.0
-52.5°	112.5	87.5	64.1	42.2	23.8	10.5	0.0
-55°	103.7	80.6	58.6	39.0	21.7	9.9	0.0
-57.5°	94.6	73.5	53.0	35.7	19.5	9.3	0.0
-60°	85.3	66.3	47.3	32.3	17.3	8.6	0.0
-62.5°	76.4	58.9	42.7	28.8	16.0	8.0	0.0
-65°	67.4	51.4	37.9	25.3	14.6	7.3	0.0
-67.5°	58.1	44.5	33.1	21.7	13.2	6.6	0.0
-70°	48.7	38.4	28.2	18.0	11.8	5.9	0.0
-72.5°	41.0	32.2	23.3	15.6	10.4	5.2	0.0
-75°	33.5	25.9	18.2	13.4	8.9	4.5	0.0
-77.5°	25.9	19.5	14.9	11.2	7.5	3.7	0.0
-80°	18.2	14.9	12.0	9.0	6.0	3.0	0.0
-82.5°	13.4	11.2	9.0	6.8	4.5	2.3	0.0
-85°	8.9	7.5	6.0	4.5	3.0	1.5	0.0
-87.5°	4.5	3.7	3.0	2.3	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)