

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: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-MWR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3C-727-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N64  
Light Source: (48) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14784.3 lumens  
Efficiency: N/A  
Efficacy: 121.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 17370.9 candela  
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 9812.9 lumens  
Beam Efficiency: 66.4%

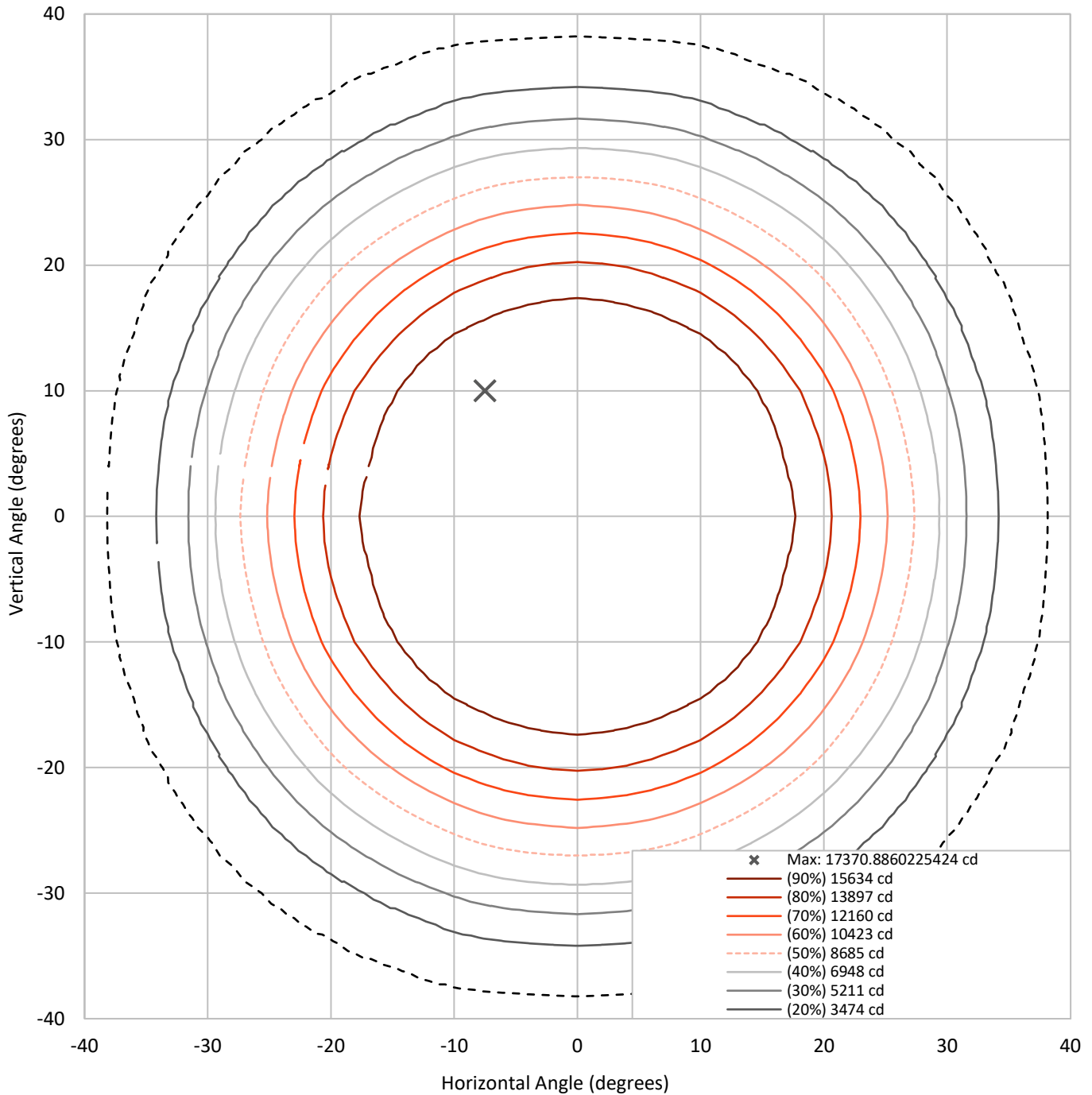
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 12759.6 lumens  
Field Efficiency: 86.3%

Input Watts (W): 121.7  
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: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

### Iso-Candela Plot





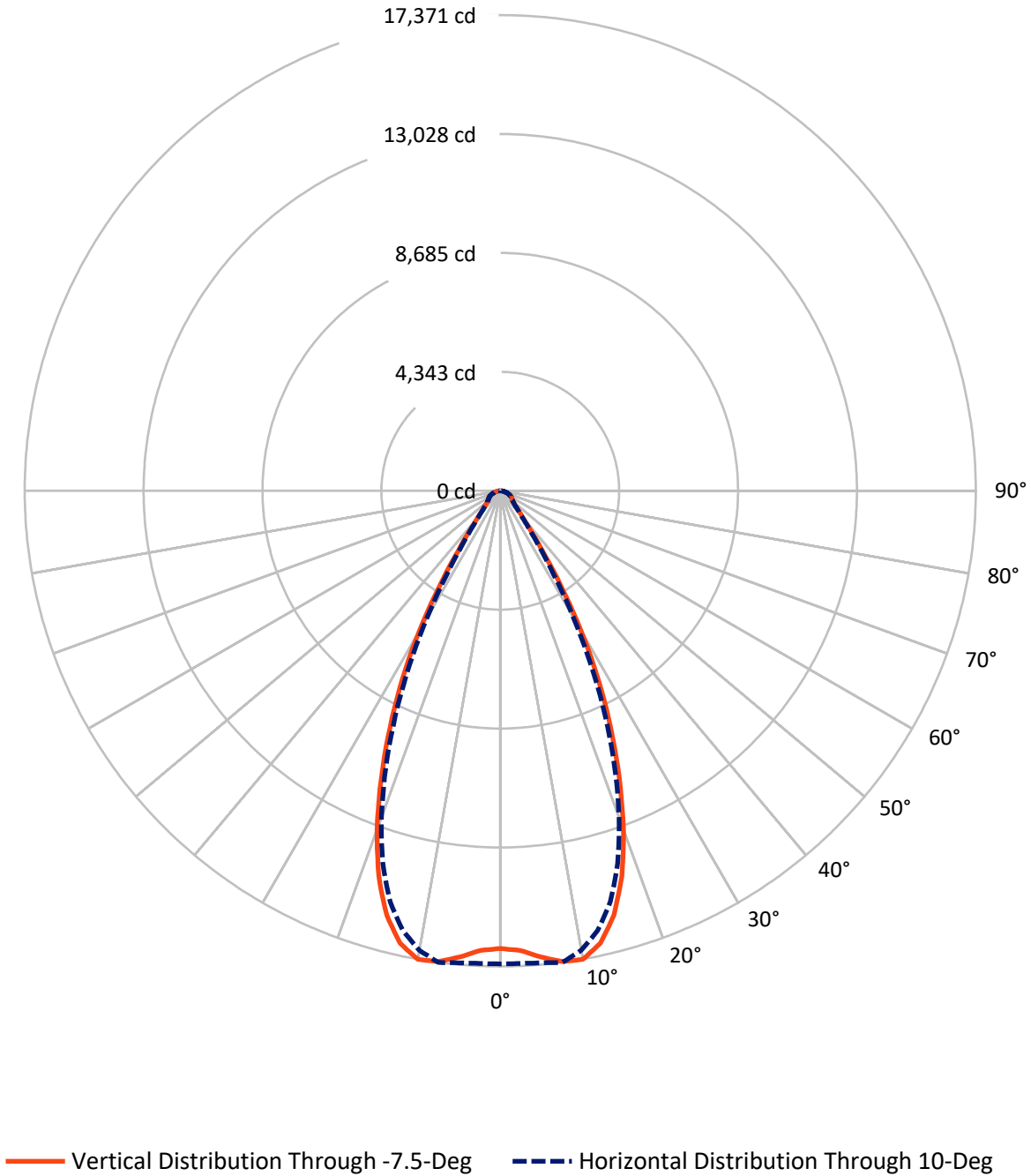
REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

### Lumen Table

90																			
80	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4			
70																			
60	1.6	1.8	3.6	5.9	8.3	10.1	11.4	12.0	12.0	11.4	10.1	8.3	5.9	3.6	1.8	1.6			
50		2.7	5.3	8.5	11.4	13.8	15.4	16.1	16.1	15.4	13.8	11.4	8.5	5.3	2.7				
40	2.8	3.4	6.8	10.3	13.9	18.1	22.7	26.1	26.1	22.7	18.1	13.9	10.3	6.8	3.4	2.8			
30		4.1	7.8	11.9	18.4	33.6	64.3	95.3	95.3	64.3	33.6	18.4	11.9	7.8	4.1				
20	3.6	4.6	8.5	13.9	30.3	94.9	212.9	297.3	297.3	212.9	94.9	30.3	13.9	8.5	4.6	3.6			
10		4.9	9.0	16.5	54.7	202.3	386.4	483.6	483.6	386.4	202.3	54.7	16.5	9.0	4.9				
0	3.9	5.0	9.2	18.6	78.8	276.9	468.7	510.0	510.0	468.7	276.9	78.8	18.6	9.2	5.0	3.9			
-10		5.0	9.2	18.6	78.8	276.9	468.7	510.0	510.0	468.7	276.9	78.8	18.6	9.2	5.0				
-20	3.6	4.9	9.0	16.5	54.7	202.3	386.4	483.6	483.6	386.4	202.3	54.7	16.5	9.0	4.9	3.6			
-30		4.6	8.5	13.9	30.3	94.9	212.9	297.3	297.3	212.9	94.9	30.3	13.9	8.5	4.6				
-40	2.8	4.1	7.8	11.9	18.4	33.6	64.3	95.3	95.3	64.3	33.6	18.4	11.9	7.8	4.1	2.8			
-50		3.4	6.8	10.3	13.9	18.1	22.7	26.1	26.1	22.7	18.1	13.9	10.3	6.8	3.4				
-60	1.6	2.7	5.3	8.5	11.4	13.8	15.4	16.1	16.1	15.4	13.8	11.4	8.5	5.3	2.7	1.6			
-70		1.8	3.6	5.9	8.3	10.1	11.4	12.0	12.0	11.4	10.1	8.3	5.9	3.6	1.8				
-80																			
-90	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

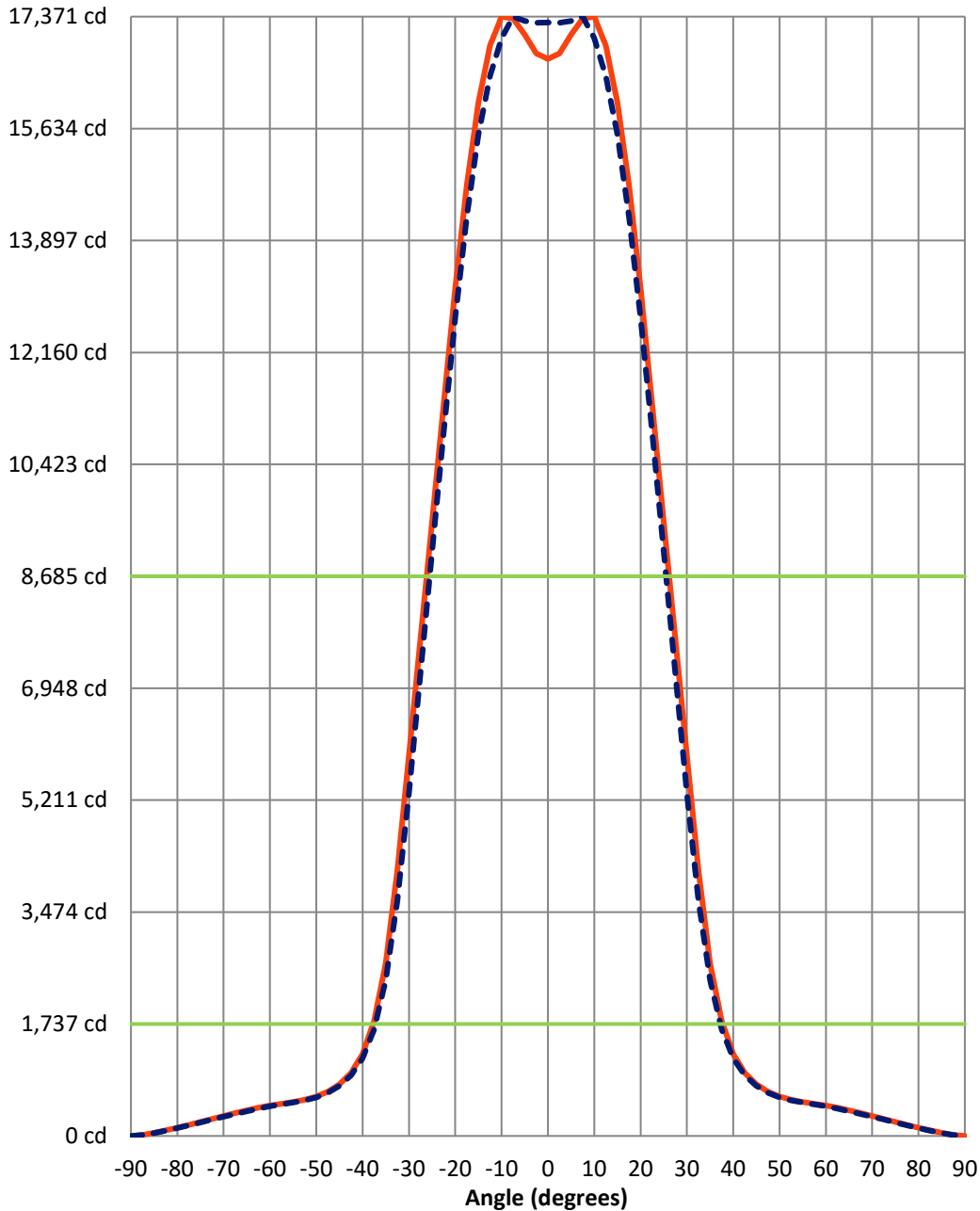
REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 9812.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 12759.6  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2024.7  
 Efficiency: 13.7%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-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	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.3	15.3
82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.3	17.4	21.9	26.2
80°	0.0	2.6	5.3	7.9	10.5	13.1	16.2	22.3	28.2	33.7	38.9
77.5°	0.0	3.3	6.6	9.8	13.1	17.7	24.7	32.0	38.9	45.5	52.5
75°	0.0	3.9	7.9	11.8	16.2	24.7	33.1	41.6	49.8	59.4	68.9
72.5°	0.0	4.6	9.1	13.7	21.8	31.7	41.4	51.6	62.9	74.1	85.0
70°	0.0	5.2	10.4	16.0	27.3	38.5	49.8	62.9	75.8	88.5	101.9
67.5°	0.0	5.8	11.6	20.1	32.7	45.3	59.3	74.1	88.5	103.4	118.6
65°	0.0	6.4	12.8	24.0	38.0	52.4	68.7	85.0	101.3	118.0	135.6
62.5°	0.0	7.0	14.0	28.0	43.2	59.9	77.7	95.8	113.8	132.6	154.0
60°	0.0	7.6	15.2	31.8	48.3	67.2	86.6	106.4	126.0	148.5	171.8
57.5°	0.0	8.2	17.6	35.5	53.9	74.3	95.4	116.6	139.2	164.0	188.6
55°	0.0	8.7	20.0	39.2	59.3	81.1	104.1	126.6	152.4	178.9	204.8
52.5°	0.0	9.3	22.3	42.7	64.6	87.8	112.6	137.6	165.1	193.0	220.5
50°	0.0	9.8	24.5	46.1	69.6	94.7	120.8	148.4	177.3	206.6	235.7
47.5°	0.0	10.3	26.6	49.5	74.5	101.4	128.9	158.7	189.0	219.8	250.3
45°	0.0	10.7	28.6	52.9	79.1	107.9	137.4	168.5	200.3	232.5	264.4
42.5°	0.0	11.2	30.6	56.2	83.5	114.1	145.4	177.9	211.0	244.6	277.8
40°	0.0	11.6	32.4	59.3	88.0	120.1	153.0	186.8	221.3	256.2	290.6
37.5°	0.0	12.1	34.1	62.1	92.5	125.8	160.1	195.1	231.2	267.4	302.9
35°	0.0	12.4	35.7	64.8	96.8	131.4	166.8	202.9	240.6	277.9	314.4
32.5°	0.0	12.8	37.2	67.3	100.9	136.6	173.1	210.2	249.5	287.6	324.5
30°	0.0	13.2	38.5	69.6	104.7	141.5	178.9	217.0	258.0	296.6	333.9
27.5°	0.0	13.5	39.8	71.8	108.1	146.0	184.2	223.7	265.6	304.8	342.7
25°	0.0	13.8	40.9	73.7	111.1	150.1	189.0	230.0	272.3	312.0	350.6
22.5°	0.0	14.0	41.9	75.5	113.9	153.7	193.3	235.7	278.3	318.4	357.9
20°	0.0	14.3	42.8	77.0	116.4	156.8	197.2	240.8	283.6	324.2	364.3
17.5°	0.0	14.5	43.6	78.4	118.5	159.5	200.6	245.4	288.2	329.2	370.0
15°	0.0	14.7	44.2	79.5	120.4	161.8	203.8	249.5	292.1	333.5	374.8
12.5°	0.0	14.8	44.8	80.5	121.9	163.7	206.5	253.1	295.6	337.1	378.8
10°	0.0	15.0	45.2	81.2	123.1	165.2	208.7	256.1	298.6	340.5	382.2
7.5°	0.0	15.1	45.5	81.7	123.9	166.3	210.5	258.4	301.0	343.1	385.2
5°	0.0	15.1	45.6	82.1	124.5	167.0	211.8	260.1	302.6	345.1	387.4
2.5°	0.0	15.2	45.7	82.2	124.7	167.3	212.5	261.1	303.7	346.2	388.7
0°	0.0	15.2	45.6	82.1	124.6	167.2	212.8	261.4	304.0	346.6	389.1
-2.5°	0.0	15.2	45.7	82.2	124.7	167.3	212.5	261.1	303.7	346.2	388.7
-5°	0.0	15.1	45.6	82.1	124.5	167.0	211.8	260.1	302.6	345.1	387.4
-7.5°	0.0	15.1	45.5	81.7	123.9	166.3	210.5	258.4	301.0	343.1	385.2
-10°	0.0	15.0	45.2	81.2	123.1	165.2	208.7	256.1	298.6	340.5	382.2
-12.5°	0.0	14.8	44.8	80.5	121.9	163.7	206.5	253.1	295.6	337.1	378.8
-15°	0.0	14.7	44.2	79.5	120.4	161.8	203.8	249.5	292.1	333.5	374.8
-17.5°	0.0	14.5	43.6	78.4	118.5	159.5	200.6	245.4	288.2	329.2	370.0
-20°	0.0	14.3	42.8	77.0	116.4	156.8	197.2	240.8	283.6	324.2	364.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.0	41.9	75.5	113.9	153.7	193.3	235.7	278.3	318.4	357.9
-25°	0.0	13.8	40.9	73.7	111.1	150.1	189.0	230.0	272.3	312.0	350.6
-27.5°	0.0	13.5	39.8	71.8	108.1	146.0	184.2	223.7	265.6	304.8	342.7
-30°	0.0	13.2	38.5	69.6	104.7	141.5	178.9	217.0	258.0	296.6	333.9
-32.5°	0.0	12.8	37.2	67.3	100.9	136.6	173.1	210.2	249.5	287.6	324.5
-35°	0.0	12.4	35.7	64.8	96.8	131.4	166.8	202.9	240.6	277.9	314.4
-37.5°	0.0	12.1	34.1	62.1	92.5	125.8	160.1	195.1	231.2	267.4	302.9
-40°	0.0	11.6	32.4	59.3	88.0	120.1	153.0	186.8	221.3	256.2	290.6
-42.5°	0.0	11.2	30.6	56.2	83.5	114.1	145.4	177.9	211.0	244.6	277.8
-45°	0.0	10.7	28.6	52.9	79.1	107.9	137.4	168.5	200.3	232.5	264.4
-47.5°	0.0	10.3	26.6	49.5	74.5	101.4	128.9	158.7	189.0	219.8	250.3
-50°	0.0	9.8	24.5	46.1	69.6	94.7	120.8	148.4	177.3	206.6	235.7
-52.5°	0.0	9.3	22.3	42.7	64.6	87.8	112.6	137.6	165.1	193.0	220.5
-55°	0.0	8.7	20.0	39.2	59.3	81.1	104.1	126.6	152.4	178.9	204.8
-57.5°	0.0	8.2	17.6	35.5	53.9	74.3	95.4	116.6	139.2	164.0	188.6
-60°	0.0	7.6	15.2	31.8	48.3	67.2	86.6	106.4	126.0	148.5	171.8
-62.5°	0.0	7.0	14.0	28.0	43.2	59.9	77.7	95.8	113.8	132.6	154.0
-65°	0.0	6.4	12.8	24.0	38.0	52.4	68.7	85.0	101.3	118.0	135.6
-67.5°	0.0	5.8	11.6	20.1	32.7	45.3	59.3	74.1	88.5	103.4	118.6
-70°	0.0	5.2	10.4	16.0	27.3	38.5	49.8	62.9	75.8	88.5	101.9
-72.5°	0.0	4.6	9.1	13.7	21.8	31.7	41.4	51.6	62.9	74.1	85.0
-75°	0.0	3.9	7.9	11.8	16.2	24.7	33.1	41.6	49.8	59.4	68.9
-77.5°	0.0	3.3	6.6	9.8	13.1	17.7	24.7	32.0	38.9	45.5	52.5
-80°	0.0	2.6	5.3	7.9	10.5	13.1	16.2	22.3	28.2	33.7	38.9
-82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.3	17.4	21.9	26.2
-85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.3	15.3
-87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
-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: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
85°	16.8	18.2	20.6	23.1	25.5	27.7	29.9	32.0	34.1	36.0	37.8
82.5°	30.1	34.0	38.1	42.2	45.8	49.2	52.6	56.0	59.5	62.9	66.3
80°	44.3	49.8	56.1	62.1	67.3	72.3	77.1	81.7	86.7	92.0	97.4
77.5°	60.7	68.5	75.9	82.8	89.4	96.7	103.6	110.4	117.4	124.3	130.9
75°	78.3	87.2	96.6	105.8	114.8	123.5	132.0	140.6	149.4	158.1	166.5
72.5°	96.4	107.7	118.8	129.5	140.7	151.6	162.1	172.2	182.7	193.4	203.5
70°	115.2	128.1	141.7	154.9	167.5	180.2	193.0	205.4	217.5	229.9	242.1
67.5°	134.1	150.4	165.8	180.4	195.2	210.2	224.7	239.4	253.7	268.1	281.8
65°	155.1	172.8	189.6	206.4	223.2	240.7	257.8	274.3	290.9	307.0	321.4
62.5°	175.6	194.4	213.1	232.1	252.1	271.8	290.5	309.4	328.7	345.5	360.1
60°	194.4	215.4	236.2	257.9	280.0	301.2	322.2	342.7	363.5	382.8	394.7
57.5°	212.6	235.8	258.8	282.2	305.5	329.2	351.2	373.8	393.1	409.4	423.2
55°	230.4	255.5	280.1	304.6	329.8	354.5	378.4	399.9	418.7	432.3	445.7
52.5°	247.6	274.1	299.5	326.0	352.8	379.0	404.0	424.0	439.4	453.3	465.8
50°	264.3	291.3	318.1	346.8	375.1	402.9	426.4	443.8	459.5	473.1	486.2
47.5°	280.0	308.1	336.7	367.0	396.7	423.6	445.1	463.4	479.5	494.1	509.5
45°	295.1	324.9	355.1	386.4	416.8	442.7	463.5	483.2	498.2	514.7	532.5
42.5°	309.7	341.0	372.8	405.0	435.7	459.9	480.8	498.8	516.4	536.0	557.4
40°	323.6	356.2	389.4	422.9	453.6	475.0	495.4	514.5	536.0	559.2	584.0
37.5°	336.7	370.6	404.9	439.8	466.7	488.8	509.7	531.0	555.9	582.8	616.5
35°	348.9	383.9	419.4	452.9	478.4	501.9	523.5	547.3	576.4	611.6	654.7
32.5°	360.2	396.2	432.8	463.5	489.3	513.7	535.9	565.5	600.5	642.3	703.4
30°	370.6	407.5	444.2	473.9	499.1	523.5	550.6	584.0	624.9	686.0	764.1
27.5°	380.3	417.8	453.2	482.6	507.8	533.0	564.6	605.1	659.0	731.9	829.0
25°	389.2	427.6	461.7	489.8	515.9	543.9	578.2	623.8	694.6	788.7	920.0
22.5°	397.2	436.4	470.0	496.1	523.5	553.8	593.9	650.8	732.5	842.3	1011.7
20°	404.4	443.1	476.1	502.1	530.5	562.0	607.8	676.5	775.0	917.3	1133.5
17.5°	410.7	449.0	480.7	507.8	537.3	571.3	621.4	698.7	812.7	982.7	1256.5
15°	416.1	453.9	484.6	512.6	543.3	582.0	640.2	727.8	856.6	1050.6	1363.8
12.5°	420.6	458.1	487.8	516.6	548.2	590.9	656.4	755.2	902.1	1134.2	1521.8
10°	424.1	461.3	490.3	519.7	552.1	598.0	669.5	777.6	939.9	1206.5	1656.6
7.5°	427.4	463.7	491.9	521.9	554.8	603.3	679.5	794.9	968.8	1263.3	1763.3
5°	429.8	465.1	492.9	523.1	557.1	606.8	686.3	806.9	988.8	1303.9	1838.4
2.5°	431.2	465.6	493.1	523.5	558.8	608.3	689.8	813.5	1004.4	1323.1	1878.7
0°	431.7	465.1	492.5	522.9	559.4	608.0	690.1	814.7	1012.3	1322.4	1884.8
-2.5°	431.2	465.6	493.1	523.5	558.8	608.3	689.8	813.5	1004.4	1323.1	1878.7
-5°	429.8	465.1	492.9	523.1	557.1	606.8	686.3	806.9	988.8	1303.9	1838.4
-7.5°	427.4	463.7	491.9	521.9	554.8	603.3	679.5	794.9	968.8	1263.3	1763.3
-10°	424.1	461.3	490.3	519.7	552.1	598.0	669.5	777.6	939.9	1206.5	1656.6
-12.5°	420.6	458.1	487.8	516.6	548.2	590.9	656.4	755.2	902.1	1134.2	1521.8
-15°	416.1	453.9	484.6	512.6	543.3	582.0	640.2	727.8	856.6	1050.6	1363.8
-17.5°	410.7	449.0	480.7	507.8	537.3	571.3	621.4	698.7	812.7	982.7	1256.5
-20°	404.4	443.1	476.1	502.1	530.5	562.0	607.8	676.5	775.0	917.3	1133.5



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	397.2	436.4	470.0	496.1	523.5	553.8	593.9	650.8	732.5	842.3	1011.7
-25°	389.2	427.6	461.7	489.8	515.9	543.9	578.2	623.8	694.6	788.7	920.0
-27.5°	380.3	417.8	453.2	482.6	507.8	533.0	564.6	605.1	659.0	731.9	829.0
-30°	370.6	407.5	444.2	473.9	499.1	523.5	550.6	584.0	624.9	686.0	764.1
-32.5°	360.2	396.2	432.8	463.5	489.3	513.7	535.9	565.5	600.5	642.3	703.4
-35°	348.9	383.9	419.4	452.9	478.4	501.9	523.5	547.3	576.4	611.6	654.7
-37.5°	336.7	370.6	404.9	439.8	466.7	488.8	509.7	531.0	555.9	582.8	616.5
-40°	323.6	356.2	389.4	422.9	453.6	475.0	495.4	514.5	536.0	559.2	584.0
-42.5°	309.7	341.0	372.8	405.0	435.7	459.9	480.8	498.8	516.4	536.0	557.4
-45°	295.1	324.9	355.1	386.4	416.8	442.7	463.5	483.2	498.2	514.7	532.5
-47.5°	280.0	308.1	336.7	367.0	396.7	423.6	445.1	463.4	479.5	494.1	509.5
-50°	264.3	291.3	318.1	346.8	375.1	402.9	426.4	443.8	459.5	473.1	486.2
-52.5°	247.6	274.1	299.5	326.0	352.8	379.0	404.0	424.0	439.4	453.3	465.8
-55°	230.4	255.5	280.1	304.6	329.8	354.5	378.4	399.9	418.7	432.3	445.7
-57.5°	212.6	235.8	258.8	282.2	305.5	329.2	351.2	373.8	393.1	409.4	423.2
-60°	194.4	215.4	236.2	257.9	280.0	301.2	322.2	342.7	363.5	382.8	394.7
-62.5°	175.6	194.4	213.1	232.1	252.1	271.8	290.5	309.4	328.7	345.5	360.1
-65°	155.1	172.8	189.6	206.4	223.2	240.7	257.8	274.3	290.9	307.0	321.4
-67.5°	134.1	150.4	165.8	180.4	195.2	210.2	224.7	239.4	253.7	268.1	281.8
-70°	115.2	128.1	141.7	154.9	167.5	180.2	193.0	205.4	217.5	229.9	242.1
-72.5°	96.4	107.7	118.8	129.5	140.7	151.6	162.1	172.2	182.7	193.4	203.5
-75°	78.3	87.2	96.6	105.8	114.8	123.5	132.0	140.6	149.4	158.1	166.5
-77.5°	60.7	68.5	75.9	82.8	89.4	96.7	103.6	110.4	117.4	124.3	130.9
-80°	44.3	49.8	56.1	62.1	67.3	72.3	77.1	81.7	86.7	92.0	97.4
-82.5°	30.1	34.0	38.1	42.2	45.8	49.2	52.6	56.0	59.5	62.9	66.3
-85°	16.8	18.2	20.6	23.1	25.5	27.7	29.9	32.0	34.1	36.0	37.8
-87.5°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
-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: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.9	14.7	14.5	14.2	13.8	14.7	15.7	16.6	17.6	17.0	16.4
85°	39.6	40.4	41.2	41.8	42.4	44.3	46.1	47.8	49.4	49.3	49.1
82.5°	69.6	71.9	73.8	75.5	77.1	79.3	81.3	83.0	84.4	85.5	86.5
80°	102.6	106.3	109.4	112.2	114.7	117.6	120.4	122.8	124.9	126.0	126.7
77.5°	137.5	142.8	147.5	152.1	156.3	160.6	164.5	168.0	171.0	171.7	171.5
75°	174.4	181.5	188.2	194.4	200.1	205.1	209.2	212.7	215.6	217.0	217.8
72.5°	213.2	222.0	229.9	237.0	243.1	248.2	252.6	256.4	259.6	261.6	262.8
70°	253.8	264.1	272.2	278.9	284.1	289.2	294.9	300.2	305.3	308.1	309.2
67.5°	294.4	305.2	312.6	318.7	323.5	328.4	335.6	342.0	347.7	351.6	354.0
65°	334.2	345.5	353.0	358.8	363.2	368.2	376.1	382.5	387.4	391.2	394.7
62.5°	373.5	385.0	393.2	400.2	406.6	412.0	418.6	423.9	428.0	431.8	436.1
60°	407.6	421.1	429.8	436.9	444.8	453.3	458.1	462.1	465.6	468.6	471.3
57.5°	435.4	447.5	458.6	467.1	475.3	483.3	488.9	492.7	495.8	498.0	498.9
55°	458.7	471.2	483.6	492.8	500.9	508.3	514.6	519.5	523.5	526.7	527.5
52.5°	479.5	493.6	505.8	516.4	527.1	535.8	542.7	549.3	555.2	559.9	561.9
50°	502.2	516.9	532.2	546.3	557.7	567.7	576.0	585.4	595.4	603.6	608.7
47.5°	526.1	543.0	561.5	578.9	592.4	607.2	620.9	634.9	653.4	668.9	680.4
45°	551.1	572.8	593.8	616.0	634.6	662.5	688.5	710.7	740.3	767.2	788.5
42.5°	580.5	607.6	633.4	668.9	706.0	744.1	785.3	820.5	866.8	913.9	951.9
40°	615.5	650.0	695.5	743.2	801.7	854.1	925.3	988.7	1059.7	1149.4	1223.6
37.5°	657.5	710.8	774.1	840.4	931.7	1019.0	1136.7	1260.6	1373.0	1545.7	1690.9
35°	712.2	786.6	869.9	987.4	1116.7	1280.2	1463.7	1703.0	1908.3	2199.5	2477.8
32.5°	782.5	878.3	1014.4	1195.6	1386.7	1683.6	1974.7	2390.4	2775.3	3236.8	3735.0
30°	860.8	1006.6	1214.5	1463.1	1819.6	2256.4	2769.6	3408.0	4106.6	4755.3	5394.6
27.5°	974.3	1183.1	1456.2	1857.4	2413.0	3024.1	3923.3	4789.8	5694.0	6497.7	7168.0
25°	1106.9	1382.8	1805.1	2395.8	3147.1	4193.6	5270.0	6339.6	7311.9	8153.3	8893.9
22.5°	1278.0	1674.8	2237.8	3002.9	4172.9	5427.2	6689.4	7869.1	8906.3	9843.2	10644.9
20°	1464.1	1960.7	2764.7	3905.6	5243.6	6672.6	8097.7	9354.4	10496.4	11558.7	12462.3
17.5°	1700.0	2395.5	3413.6	4782.2	6329.1	7894.8	9392.0	10755.7	12051.4	13175.6	14119.6
15°	1901.1	2778.4	4107.2	5712.3	7385.5	9037.1	10617.7	12099.0	13446.1	14599.5	15487.0
12.5°	2169.2	3207.5	4723.0	6511.9	8325.0	10062.8	11727.7	13258.8	14629.6	15770.4	16461.3
10°	2422.7	3651.8	5318.1	7183.7	9067.5	10919.0	12696.7	14266.9	15539.6	16447.1	17035.9
7.5°	2638.3	4033.6	5802.3	7726.8	9657.3	11593.1	13392.6	14920.3	16093.9	16851.7	17261.6
5°	2799.2	4319.1	6161.6	8168.0	10149.0	12118.8	13904.3	15338.4	16352.7	16915.7	17121.5
2.5°	2901.8	4486.7	6370.1	8457.5	10478.2	12451.5	14255.2	15666.9	16527.5	16900.6	16936.1
0°	2942.8	4508.4	6402.3	8609.4	10561.1	12546.2	14355.0	15802.1	16592.5	16899.6	16893.5
-2.5°	2901.8	4486.7	6370.1	8457.5	10478.2	12451.5	14255.2	15666.9	16527.5	16900.6	16936.1
-5°	2799.2	4319.1	6161.6	8168.0	10149.0	12118.8	13904.3	15338.4	16352.7	16915.7	17121.5
-7.5°	2638.3	4033.6	5802.3	7726.8	9657.3	11593.1	13392.6	14920.3	16093.9	16851.7	17261.6
-10°	2422.7	3651.8	5318.1	7183.7	9067.5	10919.0	12696.7	14266.9	15539.6	16447.1	17035.9
-12.5°	2169.2	3207.5	4723.0	6511.9	8325.0	10062.8	11727.7	13258.8	14629.6	15770.4	16461.3
-15°	1901.1	2778.4	4107.2	5712.3	7385.5	9037.1	10617.7	12099.0	13446.1	14599.5	15487.0
-17.5°	1700.0	2395.5	3413.6	4782.2	6329.1	7894.8	9392.0	10755.7	12051.4	13175.6	14119.6
-20°	1464.1	1960.7	2764.7	3905.6	5243.6	6672.6	8097.7	9354.4	10496.4	11558.7	12462.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1278.0	1674.8	2237.8	3002.9	4172.9	5427.2	6689.4	7869.1	8906.3	9843.2	10644.9
-25°	1106.9	1382.8	1805.1	2395.8	3147.1	4193.6	5270.0	6339.6	7311.9	8153.3	8893.9
-27.5°	974.3	1183.1	1456.2	1857.4	2413.0	3024.1	3923.3	4789.8	5694.0	6497.7	7168.0
-30°	860.8	1006.6	1214.5	1463.1	1819.6	2256.4	2769.6	3408.0	4106.6	4755.3	5394.6
-32.5°	782.5	878.3	1014.4	1195.6	1386.7	1683.6	1974.7	2390.4	2775.3	3236.8	3735.0
-35°	712.2	786.6	869.9	987.4	1116.7	1280.2	1463.7	1703.0	1908.3	2199.5	2477.8
-37.5°	657.5	710.8	774.1	840.4	931.7	1019.0	1136.7	1260.6	1373.0	1545.7	1690.9
-40°	615.5	650.0	695.5	743.2	801.7	854.1	925.3	988.7	1059.7	1149.4	1223.6
-42.5°	580.5	607.6	633.4	668.9	706.0	744.1	785.3	820.5	866.8	913.9	951.9
-45°	551.1	572.8	593.8	616.0	634.6	662.5	688.5	710.7	740.3	767.2	788.5
-47.5°	526.1	543.0	561.5	578.9	592.4	607.2	620.9	634.9	653.4	668.9	680.4
-50°	502.2	516.9	532.2	546.3	557.7	567.7	576.0	585.4	595.4	603.6	608.7
-52.5°	479.5	493.6	505.8	516.4	527.1	535.8	542.7	549.3	555.2	559.9	561.9
-55°	458.7	471.2	483.6	492.8	500.9	508.3	514.6	519.5	523.5	526.7	527.5
-57.5°	435.4	447.5	458.6	467.1	475.3	483.3	488.9	492.7	495.8	498.0	498.9
-60°	407.6	421.1	429.8	436.9	444.8	453.3	458.1	462.1	465.6	468.6	471.3
-62.5°	373.5	385.0	393.2	400.2	406.6	412.0	418.6	423.9	428.0	431.8	436.1
-65°	334.2	345.5	353.0	358.8	363.2	368.2	376.1	382.5	387.4	391.2	394.7
-67.5°	294.4	305.2	312.6	318.7	323.5	328.4	335.6	342.0	347.7	351.6	354.0
-70°	253.8	264.1	272.2	278.9	284.1	289.2	294.9	300.2	305.3	308.1	309.2
-72.5°	213.2	222.0	229.9	237.0	243.1	248.2	252.6	256.4	259.6	261.6	262.8
-75°	174.4	181.5	188.2	194.4	200.1	205.1	209.2	212.7	215.6	217.0	217.8
-77.5°	137.5	142.8	147.5	152.1	156.3	160.6	164.5	168.0	171.0	171.7	171.5
-80°	102.6	106.3	109.4	112.2	114.7	117.6	120.4	122.8	124.9	126.0	126.7
-82.5°	69.6	71.9	73.8	75.5	77.1	79.3	81.3	83.0	84.4	85.5	86.5
-85°	39.6	40.4	41.2	41.8	42.4	44.3	46.1	47.8	49.4	49.3	49.1
-87.5°	14.9	14.7	14.5	14.2	13.8	14.7	15.7	16.6	17.6	17.0	16.4
-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: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.8	15.1	15.2	15.2	15.2	15.1	15.8	16.4	17.0	17.6	16.6
85°	48.8	48.4	47.0	45.6	47.0	48.4	48.8	49.1	49.3	49.4	47.8
82.5°	87.2	87.7	86.5	85.1	86.5	87.7	87.2	86.5	85.5	84.4	83.0
80°	127.1	127.1	126.0	124.6	126.0	127.1	127.1	126.7	126.0	124.9	122.8
77.5°	170.7	169.5	170.0	170.2	170.0	169.5	170.7	171.5	171.7	171.0	168.0
75°	218.1	217.9	217.1	215.8	217.1	217.9	218.1	217.8	217.0	215.6	212.7
72.5°	263.4	263.4	262.7	261.4	262.7	263.4	263.4	262.8	261.6	259.6	256.4
70°	309.5	308.9	309.7	310.1	309.7	308.9	309.5	309.2	308.1	305.3	300.2
67.5°	355.9	357.1	356.9	355.7	356.9	357.1	355.9	354.0	351.6	347.7	342.0
65°	397.5	399.6	400.9	401.3	400.9	399.6	397.5	394.7	391.2	387.4	382.5
62.5°	439.5	441.9	442.0	440.8	442.0	441.9	439.5	436.1	431.8	428.0	423.9
60°	472.7	473.1	472.5	471.2	472.5	473.1	472.7	471.3	468.6	465.6	462.1
57.5°	498.9	498.1	497.0	495.5	497.0	498.1	498.9	498.9	498.0	495.8	492.7
55°	527.0	525.6	524.3	522.9	524.3	525.6	527.0	527.5	526.7	523.5	519.5
52.5°	562.3	561.5	560.7	559.4	560.7	561.5	562.3	561.9	559.9	555.2	549.3
50°	611.4	612.2	612.1	611.0	612.1	612.2	611.4	608.7	603.6	595.4	585.4
47.5°	687.7	691.8	694.5	696.2	694.5	691.8	687.7	680.4	668.9	653.4	634.9
45°	802.2	810.3	816.0	820.8	816.0	810.3	802.2	788.5	767.2	740.3	710.7
42.5°	978.6	996.8	1005.4	1003.2	1005.4	996.8	978.6	951.9	913.9	866.8	820.5
40°	1273.0	1302.4	1318.6	1331.5	1318.6	1302.4	1273.0	1223.6	1149.4	1059.7	988.7
37.5°	1790.1	1847.0	1877.0	1903.1	1877.0	1847.0	1790.1	1690.9	1545.7	1373.0	1260.6
35°	2685.7	2813.8	2882.4	2906.3	2882.4	2813.8	2685.7	2477.8	2199.5	1908.3	1703.0
32.5°	4122.6	4358.8	4489.5	4590.5	4489.5	4358.8	4122.6	3735.0	3236.8	2775.3	2390.4
30°	5900.8	6212.0	6384.8	6469.2	6384.8	6212.0	5900.8	5394.6	4755.3	4106.6	3408.0
27.5°	7723.6	8077.4	8263.7	8253.7	8263.7	8077.4	7723.6	7168.0	6497.7	5694.0	4789.8
25°	9528.8	9938.6	10124.3	10290.5	10124.3	9938.6	9528.8	8893.9	8153.3	7311.9	6339.6
22.5°	11354.6	11833.8	12095.3	12217.9	12095.3	11833.8	11354.6	10644.9	9843.2	8906.3	7869.1
20°	13158.7	13692.1	13969.7	14090.6	13969.7	13692.1	13158.7	12462.3	11558.7	10496.4	9354.4
17.5°	14758.7	15279.4	15544.0	15656.2	15544.0	15279.4	14758.7	14119.6	13175.6	12051.4	10755.7
15°	16036.3	16420.4	16645.4	16705.0	16645.4	16420.4	16036.3	15487.0	14599.5	13446.1	12099.0
12.5°	16919.4	17068.2	17176.4	17209.6	17176.4	17068.2	16919.4	16461.3	15770.4	14629.6	13258.8
10°	17370.9	17303.8	17276.0	17279.6	17276.0	17303.8	17370.9	17035.9	16447.1	15539.6	14266.9
7.5°	17339.9	17240.5	17040.8	17009.0	17040.8	17240.5	17339.9	17261.6	16851.7	16093.9	14920.3
5°	17090.7	16909.8	16578.4	16483.1	16578.4	16909.8	17090.7	17121.5	16915.7	16352.7	15338.4
2.5°	16800.4	16474.1	16168.8	15972.3	16168.8	16474.1	16800.4	16936.1	16900.6	16527.5	15666.9
0°	16714.1	16337.1	15941.9	15814.3	15941.9	16337.1	16714.1	16893.5	16899.6	16592.5	15802.1
-2.5°	16800.4	16474.1	16168.8	15972.3	16168.8	16474.1	16800.4	16936.1	16900.6	16527.5	15666.9
-5°	17090.7	16909.8	16578.4	16483.1	16578.4	16909.8	17090.7	17121.5	16915.7	16352.7	15338.4
-7.5°	17339.9	17240.5	17040.8	17009.0	17040.8	17240.5	17339.9	17261.6	16851.7	16093.9	14920.3
-10°	17370.9	17303.8	17276.0	17279.6	17276.0	17303.8	17370.9	17035.9	16447.1	15539.6	14266.9
-12.5°	16919.4	17068.2	17176.4	17209.6	17176.4	17068.2	16919.4	16461.3	15770.4	14629.6	13258.8
-15°	16036.3	16420.4	16645.4	16705.0	16645.4	16420.4	16036.3	15487.0	14599.5	13446.1	12099.0
-17.5°	14758.7	15279.4	15544.0	15656.2	15544.0	15279.4	14758.7	14119.6	13175.6	12051.4	10755.7
-20°	13158.7	13692.1	13969.7	14090.6	13969.7	13692.1	13158.7	12462.3	11558.7	10496.4	9354.4



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11354.6	11833.8	12095.3	12217.9	12095.3	11833.8	11354.6	10644.9	9843.2	8906.3	7869.1
-25°	9528.8	9938.6	10124.3	10290.5	10124.3	9938.6	9528.8	8893.9	8153.3	7311.9	6339.6
-27.5°	7723.6	8077.4	8263.7	8253.7	8263.7	8077.4	7723.6	7168.0	6497.7	5694.0	4789.8
-30°	5900.8	6212.0	6384.8	6469.2	6384.8	6212.0	5900.8	5394.6	4755.3	4106.6	3408.0
-32.5°	4122.6	4358.8	4489.5	4590.5	4489.5	4358.8	4122.6	3735.0	3236.8	2775.3	2390.4
-35°	2685.7	2813.8	2882.4	2906.3	2882.4	2813.8	2685.7	2477.8	2199.5	1908.3	1703.0
-37.5°	1790.1	1847.0	1877.0	1903.1	1877.0	1847.0	1790.1	1690.9	1545.7	1373.0	1260.6
-40°	1273.0	1302.4	1318.6	1331.5	1318.6	1302.4	1273.0	1223.6	1149.4	1059.7	988.7
-42.5°	978.6	996.8	1005.4	1003.2	1005.4	996.8	978.6	951.9	913.9	866.8	820.5
-45°	802.2	810.3	816.0	820.8	816.0	810.3	802.2	788.5	767.2	740.3	710.7
-47.5°	687.7	691.8	694.5	696.2	694.5	691.8	687.7	680.4	668.9	653.4	634.9
-50°	611.4	612.2	612.1	611.0	612.1	612.2	611.4	608.7	603.6	595.4	585.4
-52.5°	562.3	561.5	560.7	559.4	560.7	561.5	562.3	561.9	559.9	555.2	549.3
-55°	527.0	525.6	524.3	522.9	524.3	525.6	527.0	527.5	526.7	523.5	519.5
-57.5°	498.9	498.1	497.0	495.5	497.0	498.1	498.9	498.9	498.0	495.8	492.7
-60°	472.7	473.1	472.5	471.2	472.5	473.1	472.7	471.3	468.6	465.6	462.1
-62.5°	439.5	441.9	442.0	440.8	442.0	441.9	439.5	436.1	431.8	428.0	423.9
-65°	397.5	399.6	400.9	401.3	400.9	399.6	397.5	394.7	391.2	387.4	382.5
-67.5°	355.9	357.1	356.9	355.7	356.9	357.1	355.9	354.0	351.6	347.7	342.0
-70°	309.5	308.9	309.7	310.1	309.7	308.9	309.5	309.2	308.1	305.3	300.2
-72.5°	263.4	263.4	262.7	261.4	262.7	263.4	263.4	262.8	261.6	259.6	256.4
-75°	218.1	217.9	217.1	215.8	217.1	217.9	218.1	217.8	217.0	215.6	212.7
-77.5°	170.7	169.5	170.0	170.2	170.0	169.5	170.7	171.5	171.7	171.0	168.0
-80°	127.1	127.1	126.0	124.6	126.0	127.1	127.1	126.7	126.0	124.9	122.8
-82.5°	87.2	87.7	86.5	85.1	86.5	87.7	87.2	86.5	85.5	84.4	83.0
-85°	48.8	48.4	47.0	45.6	47.0	48.4	48.8	49.1	49.3	49.4	47.8
-87.5°	15.8	15.1	15.2	15.2	15.2	15.1	15.8	16.4	17.0	17.6	16.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.7	14.7	13.8	14.2	14.5	14.7	14.9	14.4	13.9	13.4	12.9
85°	46.1	44.3	42.4	41.8	41.2	40.4	39.6	37.8	36.0	34.1	32.0
82.5°	81.3	79.3	77.1	75.5	73.8	71.9	69.6	66.3	62.9	59.5	56.0
80°	120.4	117.6	114.7	112.2	109.4	106.3	102.6	97.4	92.0	86.7	81.7
77.5°	164.5	160.6	156.3	152.1	147.5	142.8	137.5	130.9	124.3	117.4	110.4
75°	209.2	205.1	200.1	194.4	188.2	181.5	174.4	166.5	158.1	149.4	140.6
72.5°	252.6	248.2	243.1	237.0	229.9	222.0	213.2	203.5	193.4	182.7	172.2
70°	294.9	289.2	284.1	278.9	272.2	264.1	253.8	242.1	229.9	217.5	205.4
67.5°	335.6	328.4	323.5	318.7	312.6	305.2	294.4	281.8	268.1	253.7	239.4
65°	376.1	368.2	363.2	358.8	353.0	345.5	334.2	321.4	307.0	290.9	274.3
62.5°	418.6	412.0	406.6	400.2	393.2	385.0	373.5	360.1	345.5	328.7	309.4
60°	458.1	453.3	444.8	436.9	429.8	421.1	407.6	394.7	382.8	363.5	342.7
57.5°	488.9	483.3	475.3	467.1	458.6	447.5	435.4	423.2	409.4	393.1	373.8
55°	514.6	508.3	500.9	492.8	483.6	471.2	458.7	445.7	432.3	418.7	399.9
52.5°	542.7	535.8	527.1	516.4	505.8	493.6	479.5	465.8	453.3	439.4	424.0
50°	576.0	567.7	557.7	546.3	532.2	516.9	502.2	486.2	473.1	459.5	443.8
47.5°	620.9	607.2	592.4	578.9	561.5	543.0	526.1	509.5	494.1	479.5	463.4
45°	688.5	662.5	634.6	616.0	593.8	572.8	551.1	532.5	514.7	498.2	483.2
42.5°	785.3	744.1	706.0	668.9	633.4	607.6	580.5	557.4	536.0	516.4	498.8
40°	925.3	854.1	801.7	743.2	695.5	650.0	615.5	584.0	559.2	536.0	514.5
37.5°	1136.7	1019.0	931.7	840.4	774.1	710.8	657.5	616.5	582.8	555.9	531.0
35°	1463.7	1280.2	1116.7	987.4	869.9	786.6	712.2	654.7	611.6	576.4	547.3
32.5°	1974.7	1683.6	1386.7	1195.6	1014.4	878.3	782.5	703.4	642.3	600.5	565.5
30°	2769.6	2256.4	1819.6	1463.1	1214.5	1006.6	860.8	764.1	686.0	624.9	584.0
27.5°	3923.3	3024.1	2413.0	1857.4	1456.2	1183.1	974.3	829.0	731.9	659.0	605.1
25°	5270.0	4193.6	3147.1	2395.8	1805.1	1382.8	1106.9	920.0	788.7	694.6	623.8
22.5°	6689.4	5427.2	4172.9	3002.9	2237.8	1674.8	1278.0	1011.7	842.3	732.5	650.8
20°	8097.7	6672.6	5243.6	3905.6	2764.7	1960.7	1464.1	1133.5	917.3	775.0	676.5
17.5°	9392.0	7894.8	6329.1	4782.2	3413.6	2395.5	1700.0	1256.5	982.7	812.7	698.7
15°	10617.7	9037.1	7385.5	5712.3	4107.2	2778.4	1901.1	1363.8	1050.6	856.6	727.8
12.5°	11727.7	10062.8	8325.0	6511.9	4723.0	3207.5	2169.2	1521.8	1134.2	902.1	755.2
10°	12696.7	10919.0	9067.5	7183.7	5318.1	3651.8	2422.7	1656.6	1206.5	939.9	777.6
7.5°	13392.6	11593.1	9657.3	7726.8	5802.3	4033.6	2638.3	1763.3	1263.3	968.8	794.9
5°	13904.3	12118.8	10149.0	8168.0	6161.6	4319.1	2799.2	1838.4	1303.9	988.8	806.9
2.5°	14255.2	12451.5	10478.2	8457.5	6370.1	4486.7	2901.8	1878.7	1323.1	1004.4	813.5
0°	14355.0	12546.2	10561.1	8609.4	6402.3	4508.4	2942.8	1884.8	1322.4	1012.3	814.7
-2.5°	14255.2	12451.5	10478.2	8457.5	6370.1	4486.7	2901.8	1878.7	1323.1	1004.4	813.5
-5°	13904.3	12118.8	10149.0	8168.0	6161.6	4319.1	2799.2	1838.4	1303.9	988.8	806.9
-7.5°	13392.6	11593.1	9657.3	7726.8	5802.3	4033.6	2638.3	1763.3	1263.3	968.8	794.9
-10°	12696.7	10919.0	9067.5	7183.7	5318.1	3651.8	2422.7	1656.6	1206.5	939.9	777.6
-12.5°	11727.7	10062.8	8325.0	6511.9	4723.0	3207.5	2169.2	1521.8	1134.2	902.1	755.2
-15°	10617.7	9037.1	7385.5	5712.3	4107.2	2778.4	1901.1	1363.8	1050.6	856.6	727.8
-17.5°	9392.0	7894.8	6329.1	4782.2	3413.6	2395.5	1700.0	1256.5	982.7	812.7	698.7
-20°	8097.7	6672.6	5243.6	3905.6	2764.7	1960.7	1464.1	1133.5	917.3	775.0	676.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6689.4	5427.2	4172.9	3002.9	2237.8	1674.8	1278.0	1011.7	842.3	732.5	650.8
-25°	5270.0	4193.6	3147.1	2395.8	1805.1	1382.8	1106.9	920.0	788.7	694.6	623.8
-27.5°	3923.3	3024.1	2413.0	1857.4	1456.2	1183.1	974.3	829.0	731.9	659.0	605.1
-30°	2769.6	2256.4	1819.6	1463.1	1214.5	1006.6	860.8	764.1	686.0	624.9	584.0
-32.5°	1974.7	1683.6	1386.7	1195.6	1014.4	878.3	782.5	703.4	642.3	600.5	565.5
-35°	1463.7	1280.2	1116.7	987.4	869.9	786.6	712.2	654.7	611.6	576.4	547.3
-37.5°	1136.7	1019.0	931.7	840.4	774.1	710.8	657.5	616.5	582.8	555.9	531.0
-40°	925.3	854.1	801.7	743.2	695.5	650.0	615.5	584.0	559.2	536.0	514.5
-42.5°	785.3	744.1	706.0	668.9	633.4	607.6	580.5	557.4	536.0	516.4	498.8
-45°	688.5	662.5	634.6	616.0	593.8	572.8	551.1	532.5	514.7	498.2	483.2
-47.5°	620.9	607.2	592.4	578.9	561.5	543.0	526.1	509.5	494.1	479.5	463.4
-50°	576.0	567.7	557.7	546.3	532.2	516.9	502.2	486.2	473.1	459.5	443.8
-52.5°	542.7	535.8	527.1	516.4	505.8	493.6	479.5	465.8	453.3	439.4	424.0
-55°	514.6	508.3	500.9	492.8	483.6	471.2	458.7	445.7	432.3	418.7	399.9
-57.5°	488.9	483.3	475.3	467.1	458.6	447.5	435.4	423.2	409.4	393.1	373.8
-60°	458.1	453.3	444.8	436.9	429.8	421.1	407.6	394.7	382.8	363.5	342.7
-62.5°	418.6	412.0	406.6	400.2	393.2	385.0	373.5	360.1	345.5	328.7	309.4
-65°	376.1	368.2	363.2	358.8	353.0	345.5	334.2	321.4	307.0	290.9	274.3
-67.5°	335.6	328.4	323.5	318.7	312.6	305.2	294.4	281.8	268.1	253.7	239.4
-70°	294.9	289.2	284.1	278.9	272.2	264.1	253.8	242.1	229.9	217.5	205.4
-72.5°	252.6	248.2	243.1	237.0	229.9	222.0	213.2	203.5	193.4	182.7	172.2
-75°	209.2	205.1	200.1	194.4	188.2	181.5	174.4	166.5	158.1	149.4	140.6
-77.5°	164.5	160.6	156.3	152.1	147.5	142.8	137.5	130.9	124.3	117.4	110.4
-80°	120.4	117.6	114.7	112.2	109.4	106.3	102.6	97.4	92.0	86.7	81.7
-82.5°	81.3	79.3	77.1	75.5	73.8	71.9	69.6	66.3	62.9	59.5	56.0
-85°	46.1	44.3	42.4	41.8	41.2	40.4	39.6	37.8	36.0	34.1	32.0
-87.5°	15.7	14.7	13.8	14.2	14.5	14.7	14.9	14.4	13.9	13.4	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	6.7	5.7	4.8
85°	29.9	27.7	25.5	23.1	20.6	18.2	16.8	15.3	13.3	11.4	9.6
82.5°	52.6	49.2	45.8	42.2	38.1	34.0	30.1	26.2	21.9	17.4	14.3
80°	77.1	72.3	67.3	62.1	56.1	49.8	44.3	38.9	33.7	28.2	22.3
77.5°	103.6	96.7	89.4	82.8	75.9	68.5	60.7	52.5	45.5	38.9	32.0
75°	132.0	123.5	114.8	105.8	96.6	87.2	78.3	68.9	59.4	49.8	41.6
72.5°	162.1	151.6	140.7	129.5	118.8	107.7	96.4	85.0	74.1	62.9	51.6
70°	193.0	180.2	167.5	154.9	141.7	128.1	115.2	101.9	88.5	75.8	62.9
67.5°	224.7	210.2	195.2	180.4	165.8	150.4	134.1	118.6	103.4	88.5	74.1
65°	257.8	240.7	223.2	206.4	189.6	172.8	155.1	135.6	118.0	101.3	85.0
62.5°	290.5	271.8	252.1	232.1	213.1	194.4	175.6	154.0	132.6	113.8	95.8
60°	322.2	301.2	280.0	257.9	236.2	215.4	194.4	171.8	148.5	126.0	106.4
57.5°	351.2	329.2	305.5	282.2	258.8	235.8	212.6	188.6	164.0	139.2	116.6
55°	378.4	354.5	329.8	304.6	280.1	255.5	230.4	204.8	178.9	152.4	126.6
52.5°	404.0	379.0	352.8	326.0	299.5	274.1	247.6	220.5	193.0	165.1	137.6
50°	426.4	402.9	375.1	346.8	318.1	291.3	264.3	235.7	206.6	177.3	148.4
47.5°	445.1	423.6	396.7	367.0	336.7	308.1	280.0	250.3	219.8	189.0	158.7
45°	463.5	442.7	416.8	386.4	355.1	324.9	295.1	264.4	232.5	200.3	168.5
42.5°	480.8	459.9	435.7	405.0	372.8	341.0	309.7	277.8	244.6	211.0	177.9
40°	495.4	475.0	453.6	422.9	389.4	356.2	323.6	290.6	256.2	221.3	186.8
37.5°	509.7	488.8	466.7	439.8	404.9	370.6	336.7	302.9	267.4	231.2	195.1
35°	523.5	501.9	478.4	452.9	419.4	383.9	348.9	314.4	277.9	240.6	202.9
32.5°	535.9	513.7	489.3	463.5	432.8	396.2	360.2	324.5	287.6	249.5	210.2
30°	550.6	523.5	499.1	473.9	444.2	407.5	370.6	333.9	296.6	258.0	217.0
27.5°	564.6	533.0	507.8	482.6	453.2	417.8	380.3	342.7	304.8	265.6	223.7
25°	578.2	543.9	515.9	489.8	461.7	427.6	389.2	350.6	312.0	272.3	230.0
22.5°	593.9	553.8	523.5	496.1	470.0	436.4	397.2	357.9	318.4	278.3	235.7
20°	607.8	562.0	530.5	502.1	476.1	443.1	404.4	364.3	324.2	283.6	240.8
17.5°	621.4	571.3	537.3	507.8	480.7	449.0	410.7	370.0	329.2	288.2	245.4
15°	640.2	582.0	543.3	512.6	484.6	453.9	416.1	374.8	333.5	292.1	249.5
12.5°	656.4	590.9	548.2	516.6	487.8	458.1	420.6	378.8	337.1	295.6	253.1
10°	669.5	598.0	552.1	519.7	490.3	461.3	424.1	382.2	340.5	298.6	256.1
7.5°	679.5	603.3	554.8	521.9	491.9	463.7	427.4	385.2	343.1	301.0	258.4
5°	686.3	606.8	557.1	523.1	492.9	465.1	429.8	387.4	345.1	302.6	260.1
2.5°	689.8	608.3	558.8	523.5	493.1	465.6	431.2	388.7	346.2	303.7	261.1
0°	690.1	608.0	559.4	522.9	492.5	465.1	431.7	389.1	346.6	304.0	261.4
-2.5°	689.8	608.3	558.8	523.5	493.1	465.6	431.2	388.7	346.2	303.7	261.1
-5°	686.3	606.8	557.1	523.1	492.9	465.1	429.8	387.4	345.1	302.6	260.1
-7.5°	679.5	603.3	554.8	521.9	491.9	463.7	427.4	385.2	343.1	301.0	258.4
-10°	669.5	598.0	552.1	519.7	490.3	461.3	424.1	382.2	340.5	298.6	256.1
-12.5°	656.4	590.9	548.2	516.6	487.8	458.1	420.6	378.8	337.1	295.6	253.1
-15°	640.2	582.0	543.3	512.6	484.6	453.9	416.1	374.8	333.5	292.1	249.5
-17.5°	621.4	571.3	537.3	507.8	480.7	449.0	410.7	370.0	329.2	288.2	245.4
-20°	607.8	562.0	530.5	502.1	476.1	443.1	404.4	364.3	324.2	283.6	240.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	593.9	553.8	523.5	496.1	470.0	436.4	397.2	357.9	318.4	278.3	235.7
-25°	578.2	543.9	515.9	489.8	461.7	427.6	389.2	350.6	312.0	272.3	230.0
-27.5°	564.6	533.0	507.8	482.6	453.2	417.8	380.3	342.7	304.8	265.6	223.7
-30°	550.6	523.5	499.1	473.9	444.2	407.5	370.6	333.9	296.6	258.0	217.0
-32.5°	535.9	513.7	489.3	463.5	432.8	396.2	360.2	324.5	287.6	249.5	210.2
-35°	523.5	501.9	478.4	452.9	419.4	383.9	348.9	314.4	277.9	240.6	202.9
-37.5°	509.7	488.8	466.7	439.8	404.9	370.6	336.7	302.9	267.4	231.2	195.1
-40°	495.4	475.0	453.6	422.9	389.4	356.2	323.6	290.6	256.2	221.3	186.8
-42.5°	480.8	459.9	435.7	405.0	372.8	341.0	309.7	277.8	244.6	211.0	177.9
-45°	463.5	442.7	416.8	386.4	355.1	324.9	295.1	264.4	232.5	200.3	168.5
-47.5°	445.1	423.6	396.7	367.0	336.7	308.1	280.0	250.3	219.8	189.0	158.7
-50°	426.4	402.9	375.1	346.8	318.1	291.3	264.3	235.7	206.6	177.3	148.4
-52.5°	404.0	379.0	352.8	326.0	299.5	274.1	247.6	220.5	193.0	165.1	137.6
-55°	378.4	354.5	329.8	304.6	280.1	255.5	230.4	204.8	178.9	152.4	126.6
-57.5°	351.2	329.2	305.5	282.2	258.8	235.8	212.6	188.6	164.0	139.2	116.6
-60°	322.2	301.2	280.0	257.9	236.2	215.4	194.4	171.8	148.5	126.0	106.4
-62.5°	290.5	271.8	252.1	232.1	213.1	194.4	175.6	154.0	132.6	113.8	95.8
-65°	257.8	240.7	223.2	206.4	189.6	172.8	155.1	135.6	118.0	101.3	85.0
-67.5°	224.7	210.2	195.2	180.4	165.8	150.4	134.1	118.6	103.4	88.5	74.1
-70°	193.0	180.2	167.5	154.9	141.7	128.1	115.2	101.9	88.5	75.8	62.9
-72.5°	162.1	151.6	140.7	129.5	118.8	107.7	96.4	85.0	74.1	62.9	51.6
-75°	132.0	123.5	114.8	105.8	96.6	87.2	78.3	68.9	59.4	49.8	41.6
-77.5°	103.6	96.7	89.4	82.8	75.9	68.5	60.7	52.5	45.5	38.9	32.0
-80°	77.1	72.3	67.3	62.1	56.1	49.8	44.3	38.9	33.7	28.2	22.3
-82.5°	52.6	49.2	45.8	42.2	38.1	34.0	30.1	26.2	21.9	17.4	14.3
-85°	29.9	27.7	25.5	23.1	20.6	18.2	16.8	15.3	13.3	11.4	9.6
-87.5°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	6.7	5.7	4.8
-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: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
80°	16.2	13.1	10.5	7.9	5.3	2.6	0.0
77.5°	24.7	17.7	13.1	9.8	6.6	3.3	0.0
75°	33.1	24.7	16.2	11.8	7.9	3.9	0.0
72.5°	41.4	31.7	21.8	13.7	9.1	4.6	0.0
70°	49.8	38.5	27.3	16.0	10.4	5.2	0.0
67.5°	59.3	45.3	32.7	20.1	11.6	5.8	0.0
65°	68.7	52.4	38.0	24.0	12.8	6.4	0.0
62.5°	77.7	59.9	43.2	28.0	14.0	7.0	0.0
60°	86.6	67.2	48.3	31.8	15.2	7.6	0.0
57.5°	95.4	74.3	53.9	35.5	17.6	8.2	0.0
55°	104.1	81.1	59.3	39.2	20.0	8.7	0.0
52.5°	112.6	87.8	64.6	42.7	22.3	9.3	0.0
50°	120.8	94.7	69.6	46.1	24.5	9.8	0.0
47.5°	128.9	101.4	74.5	49.5	26.6	10.3	0.0
45°	137.4	107.9	79.1	52.9	28.6	10.7	0.0
42.5°	145.4	114.1	83.5	56.2	30.6	11.2	0.0
40°	153.0	120.1	88.0	59.3	32.4	11.6	0.0
37.5°	160.1	125.8	92.5	62.1	34.1	12.1	0.0
35°	166.8	131.4	96.8	64.8	35.7	12.4	0.0
32.5°	173.1	136.6	100.9	67.3	37.2	12.8	0.0
30°	178.9	141.5	104.7	69.6	38.5	13.2	0.0
27.5°	184.2	146.0	108.1	71.8	39.8	13.5	0.0
25°	189.0	150.1	111.1	73.7	40.9	13.8	0.0
22.5°	193.3	153.7	113.9	75.5	41.9	14.0	0.0
20°	197.2	156.8	116.4	77.0	42.8	14.3	0.0
17.5°	200.6	159.5	118.5	78.4	43.6	14.5	0.0
15°	203.8	161.8	120.4	79.5	44.2	14.7	0.0
12.5°	206.5	163.7	121.9	80.5	44.8	14.8	0.0
10°	208.7	165.2	123.1	81.2	45.2	15.0	0.0
7.5°	210.5	166.3	123.9	81.7	45.5	15.1	0.0
5°	211.8	167.0	124.5	82.1	45.6	15.1	0.0
2.5°	212.5	167.3	124.7	82.2	45.7	15.2	0.0
0°	212.8	167.2	124.6	82.1	45.6	15.2	0.0
-2.5°	212.5	167.3	124.7	82.2	45.7	15.2	0.0
-5°	211.8	167.0	124.5	82.1	45.6	15.1	0.0
-7.5°	210.5	166.3	123.9	81.7	45.5	15.1	0.0
-10°	208.7	165.2	123.1	81.2	45.2	15.0	0.0
-12.5°	206.5	163.7	121.9	80.5	44.8	14.8	0.0
-15°	203.8	161.8	120.4	79.5	44.2	14.7	0.0
-17.5°	200.6	159.5	118.5	78.4	43.6	14.5	0.0
-20°	197.2	156.8	116.4	77.0	42.8	14.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627137 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	193.3	153.7	113.9	75.5	41.9	14.0	0.0
-25°	189.0	150.1	111.1	73.7	40.9	13.8	0.0
-27.5°	184.2	146.0	108.1	71.8	39.8	13.5	0.0
-30°	178.9	141.5	104.7	69.6	38.5	13.2	0.0
-32.5°	173.1	136.6	100.9	67.3	37.2	12.8	0.0
-35°	166.8	131.4	96.8	64.8	35.7	12.4	0.0
-37.5°	160.1	125.8	92.5	62.1	34.1	12.1	0.0
-40°	153.0	120.1	88.0	59.3	32.4	11.6	0.0
-42.5°	145.4	114.1	83.5	56.2	30.6	11.2	0.0
-45°	137.4	107.9	79.1	52.9	28.6	10.7	0.0
-47.5°	128.9	101.4	74.5	49.5	26.6	10.3	0.0
-50°	120.8	94.7	69.6	46.1	24.5	9.8	0.0
-52.5°	112.6	87.8	64.6	42.7	22.3	9.3	0.0
-55°	104.1	81.1	59.3	39.2	20.0	8.7	0.0
-57.5°	95.4	74.3	53.9	35.5	17.6	8.2	0.0
-60°	86.6	67.2	48.3	31.8	15.2	7.6	0.0
-62.5°	77.7	59.9	43.2	28.0	14.0	7.0	0.0
-65°	68.7	52.4	38.0	24.0	12.8	6.4	0.0
-67.5°	59.3	45.3	32.7	20.1	11.6	5.8	0.0
-70°	49.8	38.5	27.3	16.0	10.4	5.2	0.0
-72.5°	41.4	31.7	21.8	13.7	9.1	4.6	0.0
-75°	33.1	24.7	16.2	11.8	7.9	3.9	0.0
-77.5°	24.7	17.7	13.1	9.8	6.6	3.3	0.0
-80°	16.2	13.1	10.5	7.9	5.3	2.6	0.0
-82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
-85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)