

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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627097 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3B-735-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N71  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

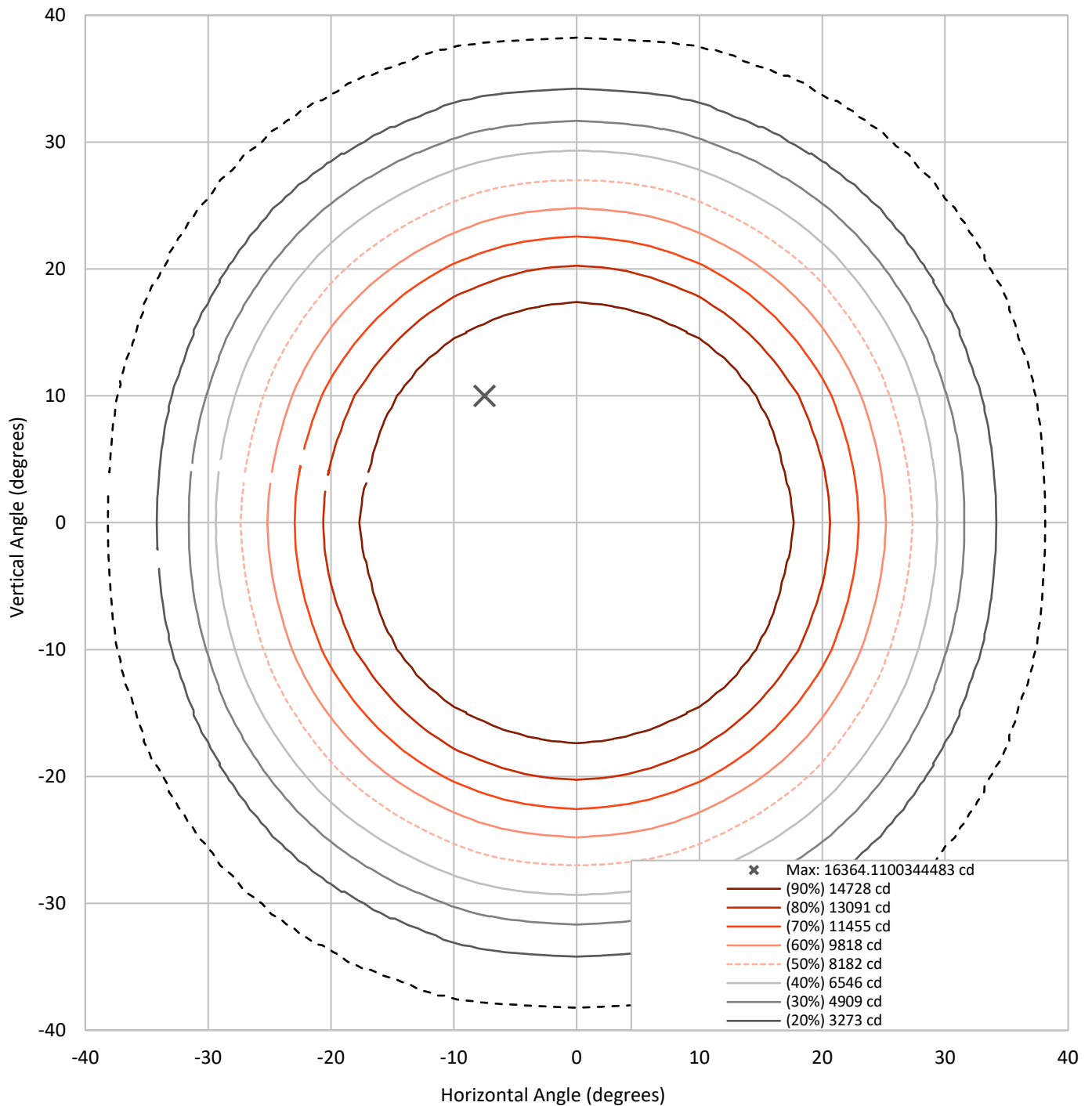
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	13927.4 lumens	Max Intensity:	16364.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	148.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	9244.2 lumens	Field Lumens:	12020.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	93.7		
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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

### Iso-Candela Plot





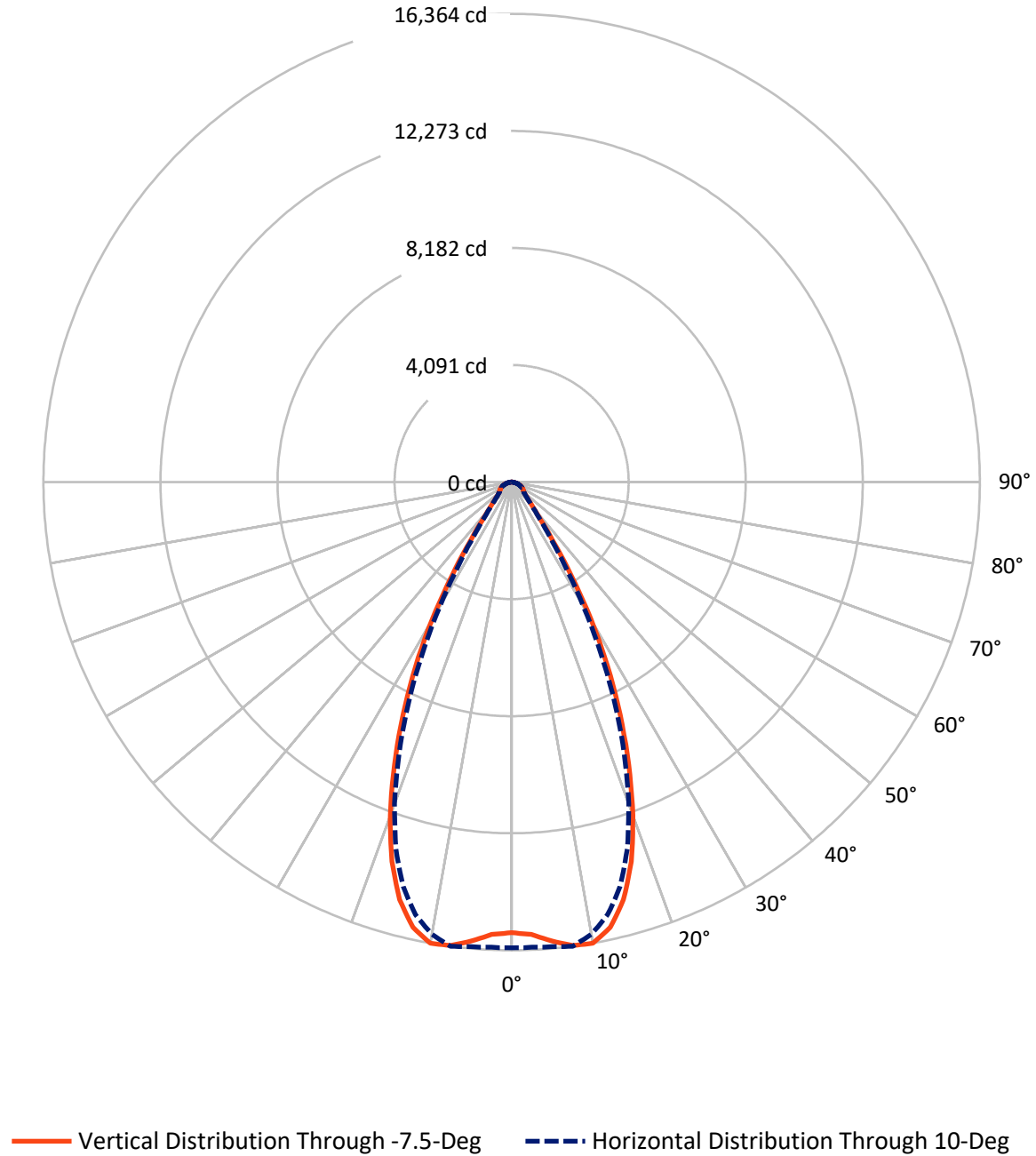
REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

### Lumen Table

90																			
80	0.4	3.3		8.7		13.8		15.4		13.8		8.7		3.3		0.4			
70																			
60	1.5	1.7	3.4	5.6	7.8	9.5	10.7	11.3	11.3	10.7	9.5	7.8	5.6	3.4	1.7	1.5			
50		2.5	5.0	8.0	10.7	13.0	14.5	15.2	15.2	14.5	13.0	10.7	8.0	5.0	2.5				
40	2.6	3.2	6.4	9.7	13.1	17.0	21.4	24.6	24.6	21.4	17.0	13.1	9.7	6.4	3.2	2.6			
30		3.8	7.4	11.2	17.3	31.7	60.6	89.8	89.8	60.6	31.7	17.3	11.2	7.4	3.8				
20	3.4	4.3	8.1	13.1	28.5	89.4	200.6	280.1	280.1	200.6	89.4	28.5	13.1	8.1	4.3	3.4			
10		4.6	8.5	15.5	51.6	190.6	364.0	455.5	455.5	364.0	190.6	51.6	15.5	8.5	4.6				
0	3.6	4.7	8.7	17.5	74.2	260.8	441.6	480.5	480.5	441.6	260.8	74.2	17.5	8.7	4.7	3.6			
-10		4.7	8.7	17.5	74.2	260.8	441.6	480.5	480.5	441.6	260.8	74.2	17.5	8.7	4.7				
-20	3.4	4.6	8.5	15.5	51.6	190.6	364.0	455.5	455.5	364.0	190.6	51.6	15.5	8.5	4.6	3.4			
-30		4.3	8.1	13.1	28.5	89.4	200.6	280.1	280.1	200.6	89.4	28.5	13.1	8.1	4.3				
-40	2.6	3.8	7.4	11.2	17.3	31.7	60.6	89.8	89.8	60.6	31.7	17.3	11.2	7.4	3.8	2.6			
-50		3.2	6.4	9.7	13.1	17.0	21.4	24.6	24.6	21.4	17.0	13.1	9.7	6.4	3.2				
-60	1.5	2.5	5.0	8.0	10.7	13.0	14.5	15.2	15.2	14.5	13.0	10.7	8.0	5.0	2.5	1.5			
-70		1.7	3.4	5.6	7.8	9.5	10.7	11.3	11.3	10.7	9.5	7.8	5.6	3.4	1.7				
-80																			
-90	0.4	3.3		8.7		13.8		15.4		13.8		8.7		3.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

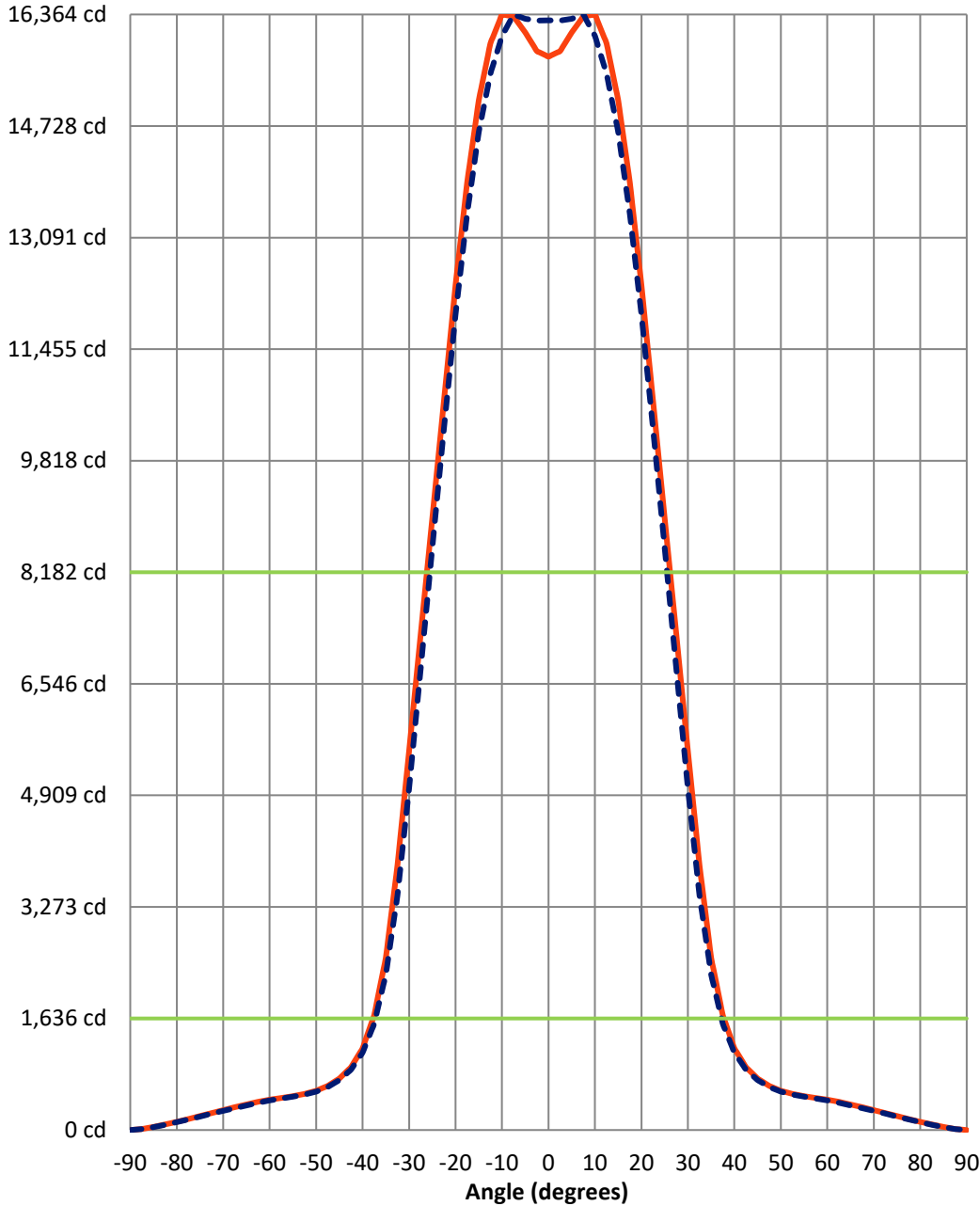
REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 9244.2  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 12020.1  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1907.3  
 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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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	0.6	1.2	1.9	2.5	3.1	3.7	4.5	5.4	6.3	7.3
85°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	9.0	10.7	12.6	14.5
82.5°	0.0	1.9	3.7	5.6	7.4	9.3	11.1	13.5	16.4	20.7	24.7
80°	0.0	2.5	5.0	7.4	9.9	12.3	15.3	21.0	26.6	31.8	36.7
77.5°	0.0	3.1	6.2	9.3	12.3	16.6	23.3	30.1	36.7	42.9	49.5
75°	0.0	3.7	7.4	11.1	15.3	23.3	31.2	39.2	47.0	56.0	64.9
72.5°	0.0	4.3	8.6	12.9	20.5	29.8	39.0	48.6	59.3	69.8	80.1
70°	0.0	4.9	9.8	15.0	25.7	36.3	47.0	59.3	71.4	83.4	96.0
67.5°	0.0	5.5	10.9	18.9	30.8	42.7	55.9	69.8	83.4	97.4	111.7
65°	0.0	6.0	12.1	22.6	35.8	49.4	64.7	80.1	95.5	111.1	127.7
62.5°	0.0	6.6	13.2	26.3	40.7	56.4	73.3	90.3	107.2	124.9	145.0
60°	0.0	7.1	14.3	29.9	45.6	63.3	81.6	100.2	118.7	139.9	161.8
57.5°	0.0	7.7	16.6	33.5	50.8	70.0	89.9	109.8	131.1	154.5	177.7
55°	0.0	8.2	18.8	36.9	55.9	76.4	98.1	119.3	143.5	168.5	192.9
52.5°	0.0	8.7	21.0	40.2	60.9	82.7	106.1	129.6	155.5	181.7	207.6
50°	0.0	9.2	23.1	43.4	65.6	89.3	113.8	139.8	167.0	194.6	222.0
47.5°	0.0	9.7	25.1	46.6	70.2	95.6	121.5	149.5	178.0	207.0	235.8
45°	0.0	10.1	27.0	49.9	74.6	101.7	129.4	158.7	188.7	219.0	249.1
42.5°	0.0	10.5	28.8	53.0	78.7	107.5	136.9	167.6	198.8	230.4	261.7
40°	0.0	11.0	30.5	55.9	82.9	113.1	144.1	175.9	208.4	241.4	273.7
37.5°	0.0	11.3	32.1	58.5	87.2	118.5	150.8	183.8	217.8	251.9	285.3
35°	0.0	11.7	33.6	61.1	91.2	123.8	157.2	191.2	226.7	261.8	296.2
32.5°	0.0	12.1	35.0	63.4	95.1	128.7	163.1	198.0	235.1	270.9	305.7
30°	0.0	12.4	36.3	65.6	98.6	133.3	168.5	204.5	243.0	279.4	314.6
27.5°	0.0	12.7	37.5	67.6	101.8	137.5	173.5	210.8	250.3	287.1	322.8
25°	0.0	13.0	38.6	69.4	104.7	141.4	178.1	216.7	256.6	293.9	330.3
22.5°	0.0	13.2	39.5	71.1	107.3	144.8	182.2	222.0	262.2	300.0	337.2
20°	0.0	13.4	40.4	72.5	109.6	147.7	185.8	226.9	267.2	305.4	343.2
17.5°	0.0	13.6	41.1	73.8	111.7	150.3	189.1	231.2	271.5	310.1	348.6
15°	0.0	13.8	41.7	74.9	113.4	152.5	192.0	235.0	275.2	314.2	353.1
12.5°	0.0	14.0	42.2	75.8	114.8	154.3	194.5	238.5	278.5	317.6	356.9
10°	0.0	14.1	42.6	76.5	116.0	155.7	196.6	241.3	281.3	320.7	360.1
7.5°	0.0	14.2	42.9	77.0	116.8	156.7	198.3	243.5	283.5	323.2	362.9
5°	0.0	14.2	43.0	77.3	117.3	157.4	199.5	245.0	285.1	325.1	365.0
2.5°	0.0	14.3	43.1	77.4	117.5	157.6	200.3	246.0	286.1	326.1	366.2
0°	0.0	14.3	43.0	77.3	117.4	157.5	200.5	246.3	286.4	326.5	366.6
-2.5°	0.0	14.3	43.1	77.4	117.5	157.6	200.3	246.0	286.1	326.1	366.2
-5°	0.0	14.2	43.0	77.3	117.3	157.4	199.5	245.0	285.1	325.1	365.0
-7.5°	0.0	14.2	42.9	77.0	116.8	156.7	198.3	243.5	283.5	323.2	362.9
-10°	0.0	14.1	42.6	76.5	116.0	155.7	196.6	241.3	281.3	320.7	360.1
-12.5°	0.0	14.0	42.2	75.8	114.8	154.3	194.5	238.5	278.5	317.6	356.9
-15°	0.0	13.8	41.7	74.9	113.4	152.5	192.0	235.0	275.2	314.2	353.1
-17.5°	0.0	13.6	41.1	73.8	111.7	150.3	189.1	231.2	271.5	310.1	348.6
-20°	0.0	13.4	40.4	72.5	109.6	147.7	185.8	226.9	267.2	305.4	343.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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	13.2	39.5	71.1	107.3	144.8	182.2	222.0	262.2	300.0	337.2
-25°	0.0	13.0	38.6	69.4	104.7	141.4	178.1	216.7	256.6	293.9	330.3
-27.5°	0.0	12.7	37.5	67.6	101.8	137.5	173.5	210.8	250.3	287.1	322.8
-30°	0.0	12.4	36.3	65.6	98.6	133.3	168.5	204.5	243.0	279.4	314.6
-32.5°	0.0	12.1	35.0	63.4	95.1	128.7	163.1	198.0	235.1	270.9	305.7
-35°	0.0	11.7	33.6	61.1	91.2	123.8	157.2	191.2	226.7	261.8	296.2
-37.5°	0.0	11.3	32.1	58.5	87.2	118.5	150.8	183.8	217.8	251.9	285.3
-40°	0.0	11.0	30.5	55.9	82.9	113.1	144.1	175.9	208.4	241.4	273.7
-42.5°	0.0	10.5	28.8	53.0	78.7	107.5	136.9	167.6	198.8	230.4	261.7
-45°	0.0	10.1	27.0	49.9	74.6	101.7	129.4	158.7	188.7	219.0	249.1
-47.5°	0.0	9.7	25.1	46.6	70.2	95.6	121.5	149.5	178.0	207.0	235.8
-50°	0.0	9.2	23.1	43.4	65.6	89.3	113.8	139.8	167.0	194.6	222.0
-52.5°	0.0	8.7	21.0	40.2	60.9	82.7	106.1	129.6	155.5	181.7	207.6
-55°	0.0	8.2	18.8	36.9	55.9	76.4	98.1	119.3	143.5	168.5	192.9
-57.5°	0.0	7.7	16.6	33.5	50.8	70.0	89.9	109.8	131.1	154.5	177.7
-60°	0.0	7.1	14.3	29.9	45.6	63.3	81.6	100.2	118.7	139.9	161.8
-62.5°	0.0	6.6	13.2	26.3	40.7	56.4	73.3	90.3	107.2	124.9	145.0
-65°	0.0	6.0	12.1	22.6	35.8	49.4	64.7	80.1	95.5	111.1	127.7
-67.5°	0.0	5.5	10.9	18.9	30.8	42.7	55.9	69.8	83.4	97.4	111.7
-70°	0.0	4.9	9.8	15.0	25.7	36.3	47.0	59.3	71.4	83.4	96.0
-72.5°	0.0	4.3	8.6	12.9	20.5	29.8	39.0	48.6	59.3	69.8	80.1
-75°	0.0	3.7	7.4	11.1	15.3	23.3	31.2	39.2	47.0	56.0	64.9
-77.5°	0.0	3.1	6.2	9.3	12.3	16.6	23.3	30.1	36.7	42.9	49.5
-80°	0.0	2.5	5.0	7.4	9.9	12.3	15.3	21.0	26.6	31.8	36.7
-82.5°	0.0	1.9	3.7	5.6	7.4	9.3	11.1	13.5	16.4	20.7	24.7
-85°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	9.0	10.7	12.6	14.5
-87.5°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.5	5.4	6.3	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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	7.9	8.6	9.2	9.9	10.5	11.1	11.6	12.2	12.7	13.2	13.6
85°	15.9	17.2	19.5	21.8	24.0	26.2	28.2	30.2	32.1	33.9	35.7
82.5°	28.4	32.1	35.9	39.8	43.1	46.3	49.5	52.8	56.0	59.3	62.5
80°	41.7	46.9	52.8	58.5	63.4	68.1	72.6	76.9	81.7	86.7	91.8
77.5°	57.2	64.6	71.5	78.0	84.2	91.1	97.6	104.0	110.5	117.0	123.3
75°	73.7	82.2	91.0	99.7	108.1	116.3	124.3	132.5	140.8	149.0	156.8
72.5°	90.8	101.5	111.9	122.0	132.5	142.8	152.7	162.3	172.1	182.1	191.7
70°	108.5	120.6	133.5	145.9	157.8	169.8	181.9	193.5	204.9	216.5	228.1
67.5°	126.4	141.7	156.2	170.0	183.9	198.0	211.6	225.5	239.0	252.6	265.5
65°	146.1	162.8	178.6	194.4	210.2	226.8	242.9	258.4	274.1	289.2	302.8
62.5°	165.4	183.2	200.7	218.6	237.5	256.0	273.6	291.5	309.7	325.5	339.3
60°	183.1	202.8	222.5	242.9	263.8	283.7	303.5	322.9	342.4	360.6	371.8
57.5°	200.3	222.1	243.8	265.9	287.8	310.1	330.8	352.1	370.3	385.6	398.7
55°	217.0	240.7	263.8	286.9	310.7	333.9	356.5	376.7	394.5	407.3	419.9
52.5°	233.2	258.2	282.1	307.1	332.3	357.0	380.6	399.4	413.9	427.0	438.7
50°	249.0	274.4	299.7	326.7	353.4	379.5	401.6	418.1	432.9	445.6	457.9
47.5°	263.8	290.3	317.2	345.7	373.7	399.0	419.3	436.5	451.6	465.4	480.0
45°	278.0	306.1	334.6	364.0	392.6	417.0	436.6	455.1	469.3	484.9	501.6
42.5°	291.8	321.3	351.2	381.5	410.4	433.3	452.9	469.9	486.5	504.9	525.1
40°	304.9	335.6	366.8	398.4	427.2	447.5	466.7	484.7	504.9	526.8	550.2
37.5°	317.2	349.1	381.5	414.3	439.6	460.5	480.1	500.2	523.7	549.1	580.8
35°	328.7	361.7	395.1	426.6	450.8	472.8	493.2	515.6	543.0	576.1	616.7
32.5°	339.3	373.3	407.7	436.7	461.0	483.9	504.8	532.7	565.7	605.1	662.6
30°	349.1	383.9	418.5	446.5	470.2	493.2	518.6	550.1	588.6	646.2	719.8
27.5°	358.3	393.6	426.9	454.6	478.4	502.2	531.9	570.0	620.8	689.4	781.0
25°	366.6	402.8	435.0	461.5	486.0	512.4	544.7	587.6	654.3	743.0	866.6
22.5°	374.2	411.1	442.8	467.4	493.2	521.7	559.5	613.1	690.0	793.5	953.1
20°	381.0	417.4	448.6	472.9	499.8	529.5	572.6	637.3	730.1	864.1	1067.7
17.5°	386.9	422.9	452.9	478.3	506.2	538.2	585.4	658.3	765.6	925.7	1183.7
15°	392.0	427.6	456.6	482.9	511.8	548.3	603.2	685.6	806.9	989.7	1284.7
12.5°	396.2	431.5	459.5	486.7	516.4	556.7	618.4	711.5	849.8	1068.4	1433.6
10°	399.5	434.5	461.8	489.6	520.0	563.4	630.8	732.6	885.4	1136.5	1560.6
7.5°	402.6	436.8	463.4	491.6	522.6	568.3	640.2	748.9	912.6	1190.0	1661.1
5°	404.9	438.1	464.3	492.8	524.8	571.6	646.6	760.2	931.4	1228.3	1731.9
2.5°	406.2	438.6	464.5	493.1	526.3	573.1	649.9	766.4	946.2	1246.4	1769.9
0°	406.7	438.2	463.9	492.6	526.9	572.8	650.1	767.5	953.7	1245.8	1775.6
-2.5°	406.2	438.6	464.5	493.1	526.3	573.1	649.9	766.4	946.2	1246.4	1769.9
-5°	404.9	438.1	464.3	492.8	524.8	571.6	646.6	760.2	931.4	1228.3	1731.9
-7.5°	402.6	436.8	463.4	491.6	522.6	568.3	640.2	748.9	912.6	1190.0	1661.1
-10°	399.5	434.5	461.8	489.6	520.0	563.4	630.8	732.6	885.4	1136.5	1560.6
-12.5°	396.2	431.5	459.5	486.7	516.4	556.7	618.4	711.5	849.8	1068.4	1433.6
-15°	392.0	427.6	456.6	482.9	511.8	548.3	603.2	685.6	806.9	989.7	1284.7
-17.5°	386.9	422.9	452.9	478.3	506.2	538.2	585.4	658.3	765.6	925.7	1183.7
-20°	381.0	417.4	448.6	472.9	499.8	529.5	572.6	637.3	730.1	864.1	1067.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	374.2	411.1	442.8	467.4	493.2	521.7	559.5	613.1	690.0	793.5	953.1
-25°	366.6	402.8	435.0	461.5	486.0	512.4	544.7	587.6	654.3	743.0	866.6
-27.5°	358.3	393.6	426.9	454.6	478.4	502.2	531.9	570.0	620.8	689.4	781.0
-30°	349.1	383.9	418.5	446.5	470.2	493.2	518.6	550.1	588.6	646.2	719.8
-32.5°	339.3	373.3	407.7	436.7	461.0	483.9	504.8	532.7	565.7	605.1	662.6
-35°	328.7	361.7	395.1	426.6	450.8	472.8	493.2	515.6	543.0	576.1	616.7
-37.5°	317.2	349.1	381.5	414.3	439.6	460.5	480.1	500.2	523.7	549.1	580.8
-40°	304.9	335.6	366.8	398.4	427.2	447.5	466.7	484.7	504.9	526.8	550.2
-42.5°	291.8	321.3	351.2	381.5	410.4	433.3	452.9	469.9	486.5	504.9	525.1
-45°	278.0	306.1	334.6	364.0	392.6	417.0	436.6	455.1	469.3	484.9	501.6
-47.5°	263.8	290.3	317.2	345.7	373.7	399.0	419.3	436.5	451.6	465.4	480.0
-50°	249.0	274.4	299.7	326.7	353.4	379.5	401.6	418.1	432.9	445.6	457.9
-52.5°	233.2	258.2	282.1	307.1	332.3	357.0	380.6	399.4	413.9	427.0	438.7
-55°	217.0	240.7	263.8	286.9	310.7	333.9	356.5	376.7	394.5	407.3	419.9
-57.5°	200.3	222.1	243.8	265.9	287.8	310.1	330.8	352.1	370.3	385.6	398.7
-60°	183.1	202.8	222.5	242.9	263.8	283.7	303.5	322.9	342.4	360.6	371.8
-62.5°	165.4	183.2	200.7	218.6	237.5	256.0	273.6	291.5	309.7	325.5	339.3
-65°	146.1	162.8	178.6	194.4	210.2	226.8	242.9	258.4	274.1	289.2	302.8
-67.5°	126.4	141.7	156.2	170.0	183.9	198.0	211.6	225.5	239.0	252.6	265.5
-70°	108.5	120.6	133.5	145.9	157.8	169.8	181.9	193.5	204.9	216.5	228.1
-72.5°	90.8	101.5	111.9	122.0	132.5	142.8	152.7	162.3	172.1	182.1	191.7
-75°	73.7	82.2	91.0	99.7	108.1	116.3	124.3	132.5	140.8	149.0	156.8
-77.5°	57.2	64.6	71.5	78.0	84.2	91.1	97.6	104.0	110.5	117.0	123.3
-80°	41.7	46.9	52.8	58.5	63.4	68.1	72.6	76.9	81.7	86.7	91.8
-82.5°	28.4	32.1	35.9	39.8	43.1	46.3	49.5	52.8	56.0	59.3	62.5
-85°	15.9	17.2	19.5	21.8	24.0	26.2	28.2	30.2	32.1	33.9	35.7
-87.5°	7.9	8.6	9.2	9.9	10.5	11.1	11.6	12.2	12.7	13.2	13.6
-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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-735-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°	14.1	13.9	13.6	13.3	13.0	13.9	14.8	15.7	16.6	16.1	15.5
85°	37.3	38.1	38.8	39.4	39.9	41.7	43.4	45.0	46.5	46.5	46.3
82.5°	65.6	67.7	69.5	71.2	72.6	74.7	76.6	78.2	79.6	80.6	81.5
80°	96.7	100.1	103.0	105.7	108.1	110.8	113.4	115.6	117.6	118.7	119.4
77.5°	129.5	134.5	139.0	143.2	147.3	151.3	155.0	158.2	161.1	161.7	161.6
75°	164.3	171.0	177.3	183.1	188.5	193.2	197.1	200.4	203.0	204.4	205.1
72.5°	200.9	209.1	216.6	223.3	229.0	233.8	237.9	241.5	244.5	246.5	247.6
70°	239.1	248.8	256.5	262.7	267.6	272.4	277.7	282.8	287.6	290.3	291.3
67.5°	277.3	287.5	294.5	300.2	304.7	309.4	316.1	322.1	327.5	331.2	333.5
65°	314.8	325.5	332.5	338.0	342.1	346.8	354.3	360.3	364.9	368.5	371.8
62.5°	351.8	362.6	370.4	377.0	383.0	388.2	394.3	399.3	403.2	406.8	410.8
60°	383.9	396.7	404.9	411.5	419.0	427.0	431.5	435.3	438.6	441.5	444.0
57.5°	410.1	421.6	432.1	440.0	447.8	455.2	460.6	464.2	467.0	469.2	470.1
55°	432.1	443.8	455.6	464.2	471.8	478.8	484.7	489.3	493.2	496.2	496.9
52.5°	451.7	464.9	476.5	486.4	496.5	504.7	511.2	517.5	523.0	527.4	529.3
50°	473.1	487.0	501.4	514.7	525.4	534.8	542.6	551.5	560.9	568.6	573.4
47.5°	495.6	511.6	528.9	545.3	558.0	572.0	585.0	598.2	615.5	630.1	641.0
45°	519.1	539.6	559.4	580.3	597.8	624.1	648.6	669.5	697.4	722.7	742.8
42.5°	546.9	572.4	596.7	630.1	665.1	701.0	739.8	773.0	816.6	860.9	896.7
40°	579.8	612.4	655.2	700.1	755.3	804.7	871.7	931.4	998.2	1082.8	1152.7
37.5°	619.4	669.6	729.2	791.7	877.7	959.9	1070.7	1187.5	1293.4	1456.1	1592.9
35°	670.9	741.0	819.5	930.1	1051.9	1206.0	1378.8	1604.3	1797.7	2072.0	2334.2
32.5°	737.1	827.3	955.5	1126.3	1306.3	1586.0	1860.2	2251.8	2614.4	3049.2	3518.5
30°	810.9	948.2	1144.1	1378.3	1714.1	2125.6	2609.0	3210.4	3868.6	4479.7	5081.9
27.5°	917.8	1114.6	1371.9	1749.7	2273.1	2848.8	3695.8	4512.2	5364.0	6121.1	6752.5
25°	1042.7	1302.7	1700.5	2256.9	2964.7	3950.5	4964.5	5972.1	6888.1	7680.7	8378.4
22.5°	1203.9	1577.8	2108.1	2828.9	3931.0	5112.6	6301.6	7413.0	8390.1	9272.7	10027.9
20°	1379.2	1847.1	2604.5	3679.2	4939.6	6285.8	7628.3	8812.1	9888.0	10888.8	11740.0
17.5°	1601.5	2256.7	3215.8	4505.0	5962.3	7437.2	8847.6	10132.3	11352.8	12411.9	13301.2
15°	1790.9	2617.4	3869.1	5381.2	6957.5	8513.3	10002.3	11397.7	12666.7	13753.3	14589.4
12.5°	2043.5	3021.6	4449.2	6134.4	7842.5	9479.6	11048.0	12490.2	13781.7	14856.3	15507.1
10°	2282.3	3440.2	5009.9	6767.3	8541.9	10286.1	11960.8	13439.9	14639.0	15493.8	16048.4
7.5°	2485.4	3799.9	5465.9	7278.9	9097.6	10921.2	12616.3	14055.5	15161.1	15874.9	16261.1
5°	2637.0	4068.8	5804.5	7694.6	9560.8	11416.4	13098.3	14449.4	15404.9	15935.3	16129.1
2.5°	2733.6	4226.7	6001.0	7967.3	9870.9	11729.8	13429.0	14758.8	15569.6	15921.1	15954.5
0°	2772.2	4247.1	6031.2	8110.4	9948.9	11819.0	13523.0	14886.2	15630.8	15920.0	15914.3
-2.5°	2733.6	4226.7	6001.0	7967.3	9870.9	11729.8	13429.0	14758.8	15569.6	15921.1	15954.5
-5°	2637.0	4068.8	5804.5	7694.6	9560.8	11416.4	13098.3	14449.4	15404.9	15935.3	16129.1
-7.5°	2485.4	3799.9	5465.9	7278.9	9097.6	10921.2	12616.3	14055.5	15161.1	15874.9	16261.1
-10°	2282.3	3440.2	5009.9	6767.3	8541.9	10286.1	11960.8	13439.9	14639.0	15493.8	16048.4
-12.5°	2043.5	3021.6	4449.2	6134.4	7842.5	9479.6	11048.0	12490.2	13781.7	14856.3	15507.1
-15°	1790.9	2617.4	3869.1	5381.2	6957.5	8513.3	10002.3	11397.7	12666.7	13753.3	14589.4
-17.5°	1601.5	2256.7	3215.8	4505.0	5962.3	7437.2	8847.6	10132.3	11352.8	12411.9	13301.2
-20°	1379.2	1847.1	2604.5	3679.2	4939.6	6285.8	7628.3	8812.1	9888.0	10888.8	11740.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1203.9	1577.8	2108.1	2828.9	3931.0	5112.6	6301.6	7413.0	8390.1	9272.7	10027.9
-25°	1042.7	1302.7	1700.5	2256.9	2964.7	3950.5	4964.5	5972.1	6888.1	7680.7	8378.4
-27.5°	917.8	1114.6	1371.9	1749.7	2273.1	2848.8	3695.8	4512.2	5364.0	6121.1	6752.5
-30°	810.9	948.2	1144.1	1378.3	1714.1	2125.6	2609.0	3210.4	3868.6	4479.7	5081.9
-32.5°	737.1	827.3	955.5	1126.3	1306.3	1586.0	1860.2	2251.8	2614.4	3049.2	3518.5
-35°	670.9	741.0	819.5	930.1	1051.9	1206.0	1378.8	1604.3	1797.7	2072.0	2334.2
-37.5°	619.4	669.6	729.2	791.7	877.7	959.9	1070.7	1187.5	1293.4	1456.1	1592.9
-40°	579.8	612.4	655.2	700.1	755.3	804.7	871.7	931.4	998.2	1082.8	1152.7
-42.5°	546.9	572.4	596.7	630.1	665.1	701.0	739.8	773.0	816.6	860.9	896.7
-45°	519.1	539.6	559.4	580.3	597.8	624.1	648.6	669.5	697.4	722.7	742.8
-47.5°	495.6	511.6	528.9	545.3	558.0	572.0	585.0	598.2	615.5	630.1	641.0
-50°	473.1	487.0	501.4	514.7	525.4	534.8	542.6	551.5	560.9	568.6	573.4
-52.5°	451.7	464.9	476.5	486.4	496.5	504.7	511.2	517.5	523.0	527.4	529.3
-55°	432.1	443.8	455.6	464.2	471.8	478.8	484.7	489.3	493.2	496.2	496.9
-57.5°	410.1	421.6	432.1	440.0	447.8	455.2	460.6	464.2	467.0	469.2	470.1
-60°	383.9	396.7	404.9	411.5	419.0	427.0	431.5	435.3	438.6	441.5	444.0
-62.5°	351.8	362.6	370.4	377.0	383.0	388.2	394.3	399.3	403.2	406.8	410.8
-65°	314.8	325.5	332.5	338.0	342.1	346.8	354.3	360.3	364.9	368.5	371.8
-67.5°	277.3	287.5	294.5	300.2	304.7	309.4	316.1	322.1	327.5	331.2	333.5
-70°	239.1	248.8	256.5	262.7	267.6	272.4	277.7	282.8	287.6	290.3	291.3
-72.5°	200.9	209.1	216.6	223.3	229.0	233.8	237.9	241.5	244.5	246.5	247.6
-75°	164.3	171.0	177.3	183.1	188.5	193.2	197.1	200.4	203.0	204.4	205.1
-77.5°	129.5	134.5	139.0	143.2	147.3	151.3	155.0	158.2	161.1	161.7	161.6
-80°	96.7	100.1	103.0	105.7	108.1	110.8	113.4	115.6	117.6	118.7	119.4
-82.5°	65.6	67.7	69.5	71.2	72.6	74.7	76.6	78.2	79.6	80.6	81.5
-85°	37.3	38.1	38.8	39.4	39.9	41.7	43.4	45.0	46.5	46.5	46.3
-87.5°	14.1	13.9	13.6	13.3	13.0	13.9	14.8	15.7	16.6	16.1	15.5
-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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	14.9	14.2	14.3	14.3	14.3	14.2	14.9	15.5	16.1	16.6	15.7
85°	46.0	45.6	44.3	43.0	44.3	45.6	46.0	46.3	46.5	46.5	45.0
82.5°	82.2	82.7	81.6	80.2	81.6	82.7	82.2	81.5	80.6	79.6	78.2
80°	119.7	119.7	118.7	117.4	118.7	119.7	119.7	119.4	118.7	117.6	115.6
77.5°	160.9	159.7	160.2	160.4	160.2	159.7	160.9	161.6	161.7	161.1	158.2
75°	205.4	205.2	204.5	203.3	204.5	205.2	205.4	205.1	204.4	203.0	200.4
72.5°	248.2	248.2	247.5	246.3	247.5	248.2	248.2	247.6	246.5	244.5	241.5
70°	291.5	291.0	291.7	292.1	291.7	291.0	291.5	291.3	290.3	287.6	282.8
67.5°	335.2	336.4	336.2	335.1	336.2	336.4	335.2	333.5	331.2	327.5	322.1
65°	374.4	376.4	377.6	378.0	377.6	376.4	374.4	371.8	368.5	364.9	360.3
62.5°	414.0	416.3	416.4	415.3	416.4	416.3	414.0	410.8	406.8	403.2	399.3
60°	445.4	445.8	445.2	443.9	445.2	445.8	445.4	444.0	441.5	438.6	435.3
57.5°	470.0	469.2	468.2	466.8	468.2	469.2	470.0	470.1	469.2	467.0	464.2
55°	496.5	495.1	493.9	492.6	493.9	495.1	496.5	496.9	496.2	493.2	489.3
52.5°	529.7	529.0	528.2	526.9	528.2	529.0	529.7	529.3	527.4	523.0	517.5
50°	575.9	576.7	576.6	575.6	576.6	576.7	575.9	573.4	568.6	560.9	551.5
47.5°	647.8	651.7	654.2	655.8	654.2	651.7	647.8	641.0	630.1	615.5	598.2
45°	755.7	763.3	768.7	773.2	768.7	763.3	755.7	742.8	722.7	697.4	669.5
42.5°	921.9	939.1	947.2	945.1	947.2	939.1	921.9	896.7	860.9	816.6	773.0
40°	1199.2	1226.8	1242.1	1254.4	1242.1	1226.8	1199.2	1152.7	1082.8	998.2	931.4
37.5°	1686.3	1739.9	1768.2	1792.8	1768.2	1739.9	1686.3	1592.9	1456.1	1293.4	1187.5
35°	2530.1	2650.7	2715.3	2737.8	2715.3	2650.7	2530.1	2334.2	2072.0	1797.7	1604.3
32.5°	3883.6	4106.2	4229.3	4324.4	4229.3	4106.2	3883.6	3518.5	3049.2	2614.4	2251.8
30°	5558.7	5851.9	6014.8	6094.2	6014.8	5851.9	5558.7	5081.9	4479.7	3868.6	3210.4
27.5°	7275.9	7609.2	7784.8	7775.3	7784.8	7609.2	7275.9	6752.5	6121.1	5364.0	4512.2
25°	8976.5	9362.6	9537.5	9694.1	9537.5	9362.6	8976.5	8378.4	7680.7	6888.1	5972.1
22.5°	10696.5	11147.9	11394.3	11509.7	11394.3	11147.9	10696.5	10027.9	9272.7	8390.1	7413.0
20°	12396.0	12898.5	13160.0	13273.9	13160.0	12898.5	12396.0	11740.0	10888.8	9888.0	8812.1
17.5°	13903.2	14393.8	14643.1	14748.7	14643.1	14393.8	13903.2	13301.2	12411.9	11352.8	10132.3
15°	15106.8	15468.6	15680.6	15736.7	15680.6	15468.6	15106.8	14589.4	13753.3	12666.7	11397.7
12.5°	15938.8	16078.9	16180.8	16212.1	16180.8	16078.9	15938.8	15507.1	14856.3	13781.7	12490.2
10°	16364.1	16300.9	16274.7	16278.0	16274.7	16300.9	16364.1	16048.4	15493.8	14639.0	13439.9
7.5°	16334.8	16241.2	16053.1	16023.1	16053.1	16241.2	16334.8	16261.1	15874.9	15161.1	14055.5
5°	16100.1	15929.6	15617.4	15527.7	15617.4	15929.6	16100.1	16129.1	15935.3	15404.9	14449.4
2.5°	15826.6	15519.2	15231.6	15046.6	15231.6	15519.2	15826.6	15954.5	15921.1	15569.6	14758.8
0°	15745.3	15390.2	15017.9	14897.6	15017.9	15390.2	15745.3	15914.3	15920.0	15630.8	14886.2
-2.5°	15826.6	15519.2	15231.6	15046.6	15231.6	15519.2	15826.6	15954.5	15921.1	15569.6	14758.8
-5°	16100.1	15929.6	15617.4	15527.7	15617.4	15929.6	16100.1	16129.1	15935.3	15404.9	14449.4
-7.5°	16334.8	16241.2	16053.1	16023.1	16053.1	16241.2	16334.8	16261.1	15874.9	15161.1	14055.5
-10°	16364.1	16300.9	16274.7	16278.0	16274.7	16300.9	16364.1	16048.4	15493.8	14639.0	13439.9
-12.5°	15938.8	16078.9	16180.8	16212.1	16180.8	16078.9	15938.8	15507.1	14856.3	13781.7	12490.2
-15°	15106.8	15468.6	15680.6	15736.7	15680.6	15468.6	15106.8	14589.4	13753.3	12666.7	11397.7
-17.5°	13903.2	14393.8	14643.1	14748.7	14643.1	14393.8	13903.2	13301.2	12411.9	11352.8	10132.3
-20°	12396.0	12898.5	13160.0	13273.9	13160.0	12898.5	12396.0	11740.0	10888.8	9888.0	8812.1



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	10696.5	11147.9	11394.3	11509.7	11394.3	11147.9	10696.5	10027.9	9272.7	8390.1	7413.0
-25°	8976.5	9362.6	9537.5	9694.1	9537.5	9362.6	8976.5	8378.4	7680.7	6888.1	5972.1
-27.5°	7275.9	7609.2	7784.8	7775.3	7784.8	7609.2	7275.9	6752.5	6121.1	5364.0	4512.2
-30°	5558.7	5851.9	6014.8	6094.2	6014.8	5851.9	5558.7	5081.9	4479.7	3868.6	3210.4
-32.5°	3883.6	4106.2	4229.3	4324.4	4229.3	4106.2	3883.6	3518.5	3049.2	2614.4	2251.8
-35°	2530.1	2650.7	2715.3	2737.8	2715.3	2650.7	2530.1	2334.2	2072.0	1797.7	1604.3
-37.5°	1686.3	1739.9	1768.2	1792.8	1768.2	1739.9	1686.3	1592.9	1456.1	1293.4	1187.5
-40°	1199.2	1226.8	1242.1	1254.4	1242.1	1226.8	1199.2	1152.7	1082.8	998.2	931.4
-42.5°	921.9	939.1	947.2	945.1	947.2	939.1	921.9	896.7	860.9	816.6	773.0
-45°	755.7	763.3	768.7	773.2	768.7	763.3	755.7	742.8	722.7	697.4	669.5
-47.5°	647.8	651.7	654.2	655.8	654.2	651.7	647.8	641.0	630.1	615.5	598.2
-50°	575.9	576.7	576.6	575.6	576.6	576.7	575.9	573.4	568.6	560.9	551.5
-52.5°	529.7	529.0	528.2	526.9	528.2	529.0	529.7	529.3	527.4	523.0	517.5
-55°	496.5	495.1	493.9	492.6	493.9	495.1	496.5	496.9	496.2	493.2	489.3
-57.5°	470.0	469.2	468.2	466.8	468.2	469.2	470.0	470.1	469.2	467.0	464.2
-60°	445.4	445.8	445.2	443.9	445.2	445.8	445.4	444.0	441.5	438.6	435.3
-62.5°	414.0	416.3	416.4	415.3	416.4	416.3	414.0	410.8	406.8	403.2	399.3
-65°	374.4	376.4	377.6	378.0	377.6	376.4	374.4	371.8	368.5	364.9	360.3
-67.5°	335.2	336.4	336.2	335.1	336.2	336.4	335.2	333.5	331.2	327.5	322.1
-70°	291.5	291.0	291.7	292.1	291.7	291.0	291.5	291.3	290.3	287.6	282.8
-72.5°	248.2	248.2	247.5	246.3	247.5	248.2	248.2	247.6	246.5	244.5	241.5
-75°	205.4	205.2	204.5	203.3	204.5	205.2	205.4	205.1	204.4	203.0	200.4
-77.5°	160.9	159.7	160.2	160.4	160.2	159.7	160.9	161.6	161.7	161.1	158.2
-80°	119.7	119.7	118.7	117.4	118.7	119.7	119.7	119.4	118.7	117.6	115.6
-82.5°	82.2	82.7	81.6	80.2	81.6	82.7	82.2	81.5	80.6	79.6	78.2
-85°	46.0	45.6	44.3	43.0	44.3	45.6	46.0	46.3	46.5	46.5	45.0
-87.5°	14.9	14.2	14.3	14.3	14.3	14.2	14.9	15.5	16.1	16.6	15.7
-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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	14.8	13.9	13.0	13.3	13.6	13.9	14.1	13.6	13.2	12.7	12.2
85°	43.4	41.7	39.9	39.4	38.8	38.1	37.3	35.7	33.9	32.1	30.2
82.5°	76.6	74.7	72.6	71.2	69.5	67.7	65.6	62.5	59.3	56.0	52.8
80°	113.4	110.8	108.1	105.7	103.0	100.1	96.7	91.8	86.7	81.7	76.9
77.5°	155.0	151.3	147.3	143.2	139.0	134.5	129.5	123.3	117.0	110.5	104.0
75°	197.1	193.2	188.5	183.1	177.3	171.0	164.3	156.8	149.0	140.8	132.5
72.5°	237.9	233.8	229.0	223.3	216.6	209.1	200.9	191.7	182.1	172.1	162.3
70°	277.7	272.4	267.6	262.7	256.5	248.8	239.1	228.1	216.5	204.9	193.5
67.5°	316.1	309.4	304.7	300.2	294.5	287.5	277.3	265.5	252.6	239.0	225.5
65°	354.3	346.8	342.1	338.0	332.5	325.5	314.8	302.8	289.2	274.1	258.4
62.5°	394.3	388.2	383.0	377.0	370.4	362.6	351.8	339.3	325.5	309.7	291.5
60°	431.5	427.0	419.0	411.5	404.9	396.7	383.9	371.8	360.6	342.4	322.9
57.5°	460.6	455.2	447.8	440.0	432.1	421.6	410.1	398.7	385.6	370.3	352.1
55°	484.7	478.8	471.8	464.2	455.6	443.8	432.1	419.9	407.3	394.5	376.7
52.5°	511.2	504.7	496.5	486.4	476.5	464.9	451.7	438.7	427.0	413.9	399.4
50°	542.6	534.8	525.4	514.7	501.4	487.0	473.1	457.9	445.6	432.9	418.1
47.5°	585.0	572.0	558.0	545.3	528.9	511.6	495.6	480.0	465.4	451.6	436.5
45°	648.6	624.1	597.8	580.3	559.4	539.6	519.1	501.6	484.9	469.3	455.1
42.5°	739.8	701.0	665.1	630.1	596.7	572.4	546.9	525.1	504.9	486.5	469.9
40°	871.7	804.7	755.3	700.1	655.2	612.4	579.8	550.2	526.8	504.9	484.7
37.5°	1070.7	959.9	877.7	791.7	729.2	669.6	619.4	580.8	549.1	523.7	500.2
35°	1378.8	1206.0	1051.9	930.1	819.5	741.0	670.9	616.7	576.1	543.0	515.6
32.5°	1860.2	1586.0	1306.3	1126.3	955.5	827.3	737.1	662.6	605.1	565.7	532.7
30°	2609.0	2125.6	1714.1	1378.3	1144.1	948.2	810.9	719.8	646.2	588.6	550.1
27.5°	3695.8	2848.8	2273.1	1749.7	1371.9	1114.6	917.8	781.0	689.4	620.8	570.0
25°	4964.5	3950.5	2964.7	2256.9	1700.5	1302.7	1042.7	866.6	743.0	654.3	587.6
22.5°	6301.6	5112.6	3931.0	2828.9	2108.1	1577.8	1203.9	953.1	793.5	690.0	613.1
20°	7628.3	6285.8	4939.6	3679.2	2604.5	1847.1	1379.2	1067.7	864.1	730.1	637.3
17.5°	8847.6	7437.2	5962.3	4505.0	3215.8	2256.7	1601.5	1183.7	925.7	765.6	658.3
15°	10002.3	8513.3	6957.5	5381.2	3869.1	2617.4	1790.9	1284.7	989.7	806.9	685.6
12.5°	11048.0	9479.6	7842.5	6134.4	4449.2	3021.6	2043.5	1433.6	1068.4	849.8	711.5
10°	11960.8	10286.1	8541.9	6767.3	5009.9	3440.2	2282.3	1560.6	1136.5	885.4	732.6
7.5°	12616.3	10921.2	9097.6	7278.9	5465.9	3799.9	2485.4	1661.1	1190.0	912.6	748.9
5°	13098.3	11416.4	9560.8	7694.6	5804.5	4068.8	2637.0	1731.9	1228.3	931.4	760.2
2.5°	13429.0	11729.8	9870.9	7967.3	6001.0	4226.7	2733.6	1769.9	1246.4	946.2	766.4
0°	13523.0	11819.0	9948.9	8110.4	6031.2	4247.1	2772.2	1775.6	1245.8	953.7	767.5
-2.5°	13429.0	11729.8	9870.9	7967.3	6001.0	4226.7	2733.6	1769.9	1246.4	946.2	766.4
-5°	13098.3	11416.4	9560.8	7694.6	5804.5	4068.8	2637.0	1731.9	1228.3	931.4	760.2
-7.5°	12616.3	10921.2	9097.6	7278.9	5465.9	3799.9	2485.4	1661.1	1190.0	912.6	748.9
-10°	11960.8	10286.1	8541.9	6767.3	5009.9	3440.2	2282.3	1560.6	1136.5	885.4	732.6
-12.5°	11048.0	9479.6	7842.5	6134.4	4449.2	3021.6	2043.5	1433.6	1068.4	849.8	711.5
-15°	10002.3	8513.3	6957.5	5381.2	3869.1	2617.4	1790.9	1284.7	989.7	806.9	685.6
-17.5°	8847.6	7437.2	5962.3	4505.0	3215.8	2256.7	1601.5	1183.7	925.7	765.6	658.3
-20°	7628.3	6285.8	4939.6	3679.2	2604.5	1847.1	1379.2	1067.7	864.1	730.1	637.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6301.6	5112.6	3931.0	2828.9	2108.1	1577.8	1203.9	953.1	793.5	690.0	613.1
-25°	4964.5	3950.5	2964.7	2256.9	1700.5	1302.7	1042.7	866.6	743.0	654.3	587.6
-27.5°	3695.8	2848.8	2273.1	1749.7	1371.9	1114.6	917.8	781.0	689.4	620.8	570.0
-30°	2609.0	2125.6	1714.1	1378.3	1144.1	948.2	810.9	719.8	646.2	588.6	550.1
-32.5°	1860.2	1586.0	1306.3	1126.3	955.5	827.3	737.1	662.6	605.1	565.7	532.7
-35°	1378.8	1206.0	1051.9	930.1	819.5	741.0	670.9	616.7	576.1	543.0	515.6
-37.5°	1070.7	959.9	877.7	791.7	729.2	669.6	619.4	580.8	549.1	523.7	500.2
-40°	871.7	804.7	755.3	700.1	655.2	612.4	579.8	550.2	526.8	504.9	484.7
-42.5°	739.8	701.0	665.1	630.1	596.7	572.4	546.9	525.1	504.9	486.5	469.9
-45°	648.6	624.1	597.8	580.3	559.4	539.6	519.1	501.6	484.9	469.3	455.1
-47.5°	585.0	572.0	558.0	545.3	528.9	511.6	495.6	480.0	465.4	451.6	436.5
-50°	542.6	534.8	525.4	514.7	501.4	487.0	473.1	457.9	445.6	432.9	418.1
-52.5°	511.2	504.7	496.5	486.4	476.5	464.9	451.7	438.7	427.0	413.9	399.4
-55°	484.7	478.8	471.8	464.2	455.6	443.8	432.1	419.9	407.3	394.5	376.7
-57.5°	460.6	455.2	447.8	440.0	432.1	421.6	410.1	398.7	385.6	370.3	352.1
-60°	431.5	427.0	419.0	411.5	404.9	396.7	383.9	371.8	360.6	342.4	322.9
-62.5°	394.3	388.2	383.0	377.0	370.4	362.6	351.8	339.3	325.5	309.7	291.5
-65°	354.3	346.8	342.1	338.0	332.5	325.5	314.8	302.8	289.2	274.1	258.4
-67.5°	316.1	309.4	304.7	300.2	294.5	287.5	277.3	265.5	252.6	239.0	225.5
-70°	277.7	272.4	267.6	262.7	256.5	248.8	239.1	228.1	216.5	204.9	193.5
-72.5°	237.9	233.8	229.0	223.3	216.6	209.1	200.9	191.7	182.1	172.1	162.3
-75°	197.1	193.2	188.5	183.1	177.3	171.0	164.3	156.8	149.0	140.8	132.5
-77.5°	155.0	151.3	147.3	143.2	139.0	134.5	129.5	123.3	117.0	110.5	104.0
-80°	113.4	110.8	108.1	105.7	103.0	100.1	96.7	91.8	86.7	81.7	76.9
-82.5°	76.6	74.7	72.6	71.2	69.5	67.7	65.6	62.5	59.3	56.0	52.8
-85°	43.4	41.7	39.9	39.4	38.8	38.1	37.3	35.7	33.9	32.1	30.2
-87.5°	14.8	13.9	13.0	13.3	13.6	13.9	14.1	13.6	13.2	12.7	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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	11.6	11.1	10.5	9.9	9.2	8.6	7.9	7.3	6.3	5.4	4.5
85°	28.2	26.2	24.0	21.8	19.5	17.2	15.9	14.5	12.6	10.7	9.0
82.5°	49.5	46.3	43.1	39.8	35.9	32.1	28.4	24.7	20.7	16.4	13.5
80°	72.6	68.1	63.4	58.5	52.8	46.9	41.7	36.7	31.8	26.6	21.0
77.5°	97.6	91.1	84.2	78.0	71.5	64.6	57.2	49.5	42.9	36.7	30.1
75°	124.3	116.3	108.1	99.7	91.0	82.2	73.7	64.9	56.0	47.0	39.2
72.5°	152.7	142.8	132.5	122.0	111.9	101.5	90.8	80.1	69.8	59.3	48.6
70°	181.9	169.8	157.8	145.9	133.5	120.6	108.5	96.0	83.4	71.4	59.3
67.5°	211.6	198.0	183.9	170.0	156.2	141.7	126.4	111.7	97.4	83.4	69.8
65°	242.9	226.8	210.2	194.4	178.6	162.8	146.1	127.7	111.1	95.5	80.1
62.5°	273.6	256.0	237.5	218.6	200.7	183.2	165.4	145.0	124.9	107.2	90.3
60°	303.5	283.7	263.8	242.9	222.5	202.8	183.1	161.8	139.9	118.7	100.2
57.5°	330.8	310.1	287.8	265.9	243.8	222.1	200.3	177.7	154.5	131.1	109.8
55°	356.5	333.9	310.7	286.9	263.8	240.7	217.0	192.9	168.5	143.5	119.3
52.5°	380.6	357.0	332.3	307.1	282.1	258.2	233.2	207.6	181.7	155.5	129.6
50°	401.6	379.5	353.4	326.7	299.7	274.4	249.0	222.0	194.6	167.0	139.8
47.5°	419.3	399.0	373.7	345.7	317.2	290.3	263.8	235.8	207.0	178.0	149.5
45°	436.6	417.0	392.6	364.0	334.6	306.1	278.0	249.1	219.0	188.7	158.7
42.5°	452.9	433.3	410.4	381.5	351.2	321.3	291.8	261.7	230.4	198.8	167.6
40°	466.7	447.5	427.2	398.4	366.8	335.6	304.9	273.7	241.4	208.4	175.9
37.5°	480.1	460.5	439.6	414.3	381.5	349.1	317.2	285.3	251.9	217.8	183.8
35°	493.2	472.8	450.8	426.6	395.1	361.7	328.7	296.2	261.8	226.7	191.2
32.5°	504.8	483.9	461.0	436.7	407.7	373.3	339.3	305.7	270.9	235.1	198.0
30°	518.6	493.2	470.2	446.5	418.5	383.9	349.1	314.6	279.4	243.0	204.5
27.5°	531.9	502.2	478.4	454.6	426.9	393.6	358.3	322.8	287.1	250.3	210.8
25°	544.7	512.4	486.0	461.5	435.0	402.8	366.6	330.3	293.9	256.6	216.7
22.5°	559.5	521.7	493.2	467.4	442.8	411.1	374.2	337.2	300.0	262.2	222.0
20°	572.6	529.5	499.8	472.9	448.6	417.4	381.0	343.2	305.4	267.2	226.9
17.5°	585.4	538.2	506.2	478.3	452.9	422.9	386.9	348.6	310.1	271.5	231.2
15°	603.2	548.3	511.8	482.9	456.6	427.6	392.0	353.1	314.2	275.2	235.0
12.5°	618.4	556.7	516.4	486.7	459.5	431.5	396.2	356.9	317.6	278.5	238.5
10°	630.8	563.4	520.0	489.6	461.8	434.5	399.5	360.1	320.7	281.3	241.3
7.5°	640.2	568.3	522.6	491.6	463.4	436.8	402.6	362.9	323.2	283.5	243.5
5°	646.6	571.6	524.8	492.8	464.3	438.1	404.9	365.0	325.1	285.1	245.0
2.5°	649.9	573.1	526.3	493.1	464.5	438.6	406.2	366.2	326.1	286.1	246.0
0°	650.1	572.8	526.9	492.6	463.9	438.2	406.7	366.6	326.5	286.4	246.3
-2.5°	649.9	573.1	526.3	493.1	464.5	438.6	406.2	366.2	326.1	286.1	246.0
-5°	646.6	571.6	524.8	492.8	464.3	438.1	404.9	365.0	325.1	285.1	245.0
-7.5°	640.2	568.3	522.6	491.6	463.4	436.8	402.6	362.9	323.2	283.5	243.5
-10°	630.8	563.4	520.0	489.6	461.8	434.5	399.5	360.1	320.7	281.3	241.3
-12.5°	618.4	556.7	516.4	486.7	459.5	431.5	396.2	356.9	317.6	278.5	238.5
-15°	603.2	548.3	511.8	482.9	456.6	427.6	392.0	353.1	314.2	275.2	235.0
-17.5°	585.4	538.2	506.2	478.3	452.9	422.9	386.9	348.6	310.1	271.5	231.2
-20°	572.6	529.5	499.8	472.9	448.6	417.4	381.0	343.2	305.4	267.2	226.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	559.5	521.7	493.2	467.4	442.8	411.1	374.2	337.2	300.0	262.2	222.0
-25°	544.7	512.4	486.0	461.5	435.0	402.8	366.6	330.3	293.9	256.6	216.7
-27.5°	531.9	502.2	478.4	454.6	426.9	393.6	358.3	322.8	287.1	250.3	210.8
-30°	518.6	493.2	470.2	446.5	418.5	383.9	349.1	314.6	279.4	243.0	204.5
-32.5°	504.8	483.9	461.0	436.7	407.7	373.3	339.3	305.7	270.9	235.1	198.0
-35°	493.2	472.8	450.8	426.6	395.1	361.7	328.7	296.2	261.8	226.7	191.2
-37.5°	480.1	460.5	439.6	414.3	381.5	349.1	317.2	285.3	251.9	217.8	183.8
-40°	466.7	447.5	427.2	398.4	366.8	335.6	304.9	273.7	241.4	208.4	175.9
-42.5°	452.9	433.3	410.4	381.5	351.2	321.3	291.8	261.7	230.4	198.8	167.6
-45°	436.6	417.0	392.6	364.0	334.6	306.1	278.0	249.1	219.0	188.7	158.7
-47.5°	419.3	399.0	373.7	345.7	317.2	290.3	263.8	235.8	207.0	178.0	149.5
-50°	401.6	379.5	353.4	326.7	299.7	274.4	249.0	222.0	194.6	167.0	139.8
-52.5°	380.6	357.0	332.3	307.1	282.1	258.2	233.2	207.6	181.7	155.5	129.6
-55°	356.5	333.9	310.7	286.9	263.8	240.7	217.0	192.9	168.5	143.5	119.3
-57.5°	330.8	310.1	287.8	265.9	243.8	222.1	200.3	177.7	154.5	131.1	109.8
-60°	303.5	283.7	263.8	242.9	222.5	202.8	183.1	161.8	139.9	118.7	100.2
-62.5°	273.6	256.0	237.5	218.6	200.7	183.2	165.4	145.0	124.9	107.2	90.3
-65°	242.9	226.8	210.2	194.4	178.6	162.8	146.1	127.7	111.1	95.5	80.1
-67.5°	211.6	198.0	183.9	170.0	156.2	141.7	126.4	111.7	97.4	83.4	69.8
-70°	181.9	169.8	157.8	145.9	133.5	120.6	108.5	96.0	83.4	71.4	59.3
-72.5°	152.7	142.8	132.5	122.0	111.9	101.5	90.8	80.1	69.8	59.3	48.6
-75°	124.3	116.3	108.1	99.7	91.0	82.2	73.7	64.9	56.0	47.0	39.2
-77.5°	97.6	91.1	84.2	78.0	71.5	64.6	57.2	49.5	42.9	36.7	30.1
-80°	72.6	68.1	63.4	58.5	52.8	46.9	41.7	36.7	31.8	26.6	21.0
-82.5°	49.5	46.3	43.1	39.8	35.9	32.1	28.4	24.7	20.7	16.4	13.5
-85°	28.2	26.2	24.0	21.8	19.5	17.2	15.9	14.5	12.6	10.7	9.0
-87.5°	11.6	11.1	10.5	9.9	9.2	8.6	7.9	7.3	6.3	5.4	4.5
-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: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
85°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
82.5°	11.1	9.3	7.4	5.6	3.7	1.9	0.0
80°	15.3	12.3	9.9	7.4	5.0	2.5	0.0
77.5°	23.3	16.6	12.3	9.3	6.2	3.1	0.0
75°	31.2	23.3	15.3	11.1	7.4	3.7	0.0
72.5°	39.0	29.8	20.5	12.9	8.6	4.3	0.0
70°	47.0	36.3	25.7	15.0	9.8	4.9	0.0
67.5°	55.9	42.7	30.8	18.9	10.9	5.5	0.0
65°	64.7	49.4	35.8	22.6	12.1	6.0	0.0
62.5°	73.3	56.4	40.7	26.3	13.2	6.6	0.0
60°	81.6	63.3	45.6	29.9	14.3	7.1	0.0
57.5°	89.9	70.0	50.8	33.5	16.6	7.7	0.0
55°	98.1	76.4	55.9	36.9	18.8	8.2	0.0
52.5°	106.1	82.7	60.9	40.2	21.0	8.7	0.0
50°	113.8	89.3	65.6	43.4	23.1	9.2	0.0
47.5°	121.5	95.6	70.2	46.6	25.1	9.7	0.0
45°	129.4	101.7	74.6	49.9	27.0	10.1	0.0
42.5°	136.9	107.5	78.7	53.0	28.8	10.5	0.0
40°	144.1	113.1	82.9	55.9	30.5	11.0	0.0
37.5°	150.8	118.5	87.2	58.5	32.1	11.3	0.0
35°	157.2	123.8	91.2	61.1	33.6	11.7	0.0
32.5°	163.1	128.7	95.1	63.4	35.0	12.1	0.0
30°	168.5	133.3	98.6	65.6	36.3	12.4	0.0
27.5°	173.5	137.5	101.8	67.6	37.5	12.7	0.0
25°	178.1	141.4	104.7	69.4	38.6	13.0	0.0
22.5°	182.2	144.8	107.3	71.1	39.5	13.2	0.0
20°	185.8	147.7	109.6	72.5	40.4	13.4	0.0
17.5°	189.1	150.3	111.7	73.8	41.1	13.6	0.0
15°	192.0	152.5	113.4	74.9	41.7	13.8	0.0
12.5°	194.5	154.3	114.8	75.8	42.2	14.0	0.0
10°	196.6	155.7	116.0	76.5	42.6	14.1	0.0
7.5°	198.3	156.7	116.8	77.0	42.9	14.2	0.0
5°	199.5	157.4	117.3	77.3	43.0	14.2	0.0
2.5°	200.3	157.6	117.5	77.4	43.1	14.3	0.0
0°	200.5	157.5	117.4	77.3	43.0	14.3	0.0
-2.5°	200.3	157.6	117.5	77.4	43.1	14.3	0.0
-5°	199.5	157.4	117.3	77.3	43.0	14.2	0.0
-7.5°	198.3	156.7	116.8	77.0	42.9	14.2	0.0
-10°	196.6	155.7	116.0	76.5	42.6	14.1	0.0
-12.5°	194.5	154.3	114.8	75.8	42.2	14.0	0.0
-15°	192.0	152.5	113.4	74.9	41.7	13.8	0.0
-17.5°	189.1	150.3	111.7	73.8	41.1	13.6	0.0
-20°	185.8	147.7	109.6	72.5	40.4	13.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627097 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	182.2	144.8	107.3	71.1	39.5	13.2	0.0
-25°	178.1	141.4	104.7	69.4	38.6	13.0	0.0
-27.5°	173.5	137.5	101.8	67.6	37.5	12.7	0.0
-30°	168.5	133.3	98.6	65.6	36.3	12.4	0.0
-32.5°	163.1	128.7	95.1	63.4	35.0	12.1	0.0
-35°	157.2	123.8	91.2	61.1	33.6	11.7	0.0
-37.5°	150.8	118.5	87.2	58.5	32.1	11.3	0.0
-40°	144.1	113.1	82.9	55.9	30.5	11.0	0.0
-42.5°	136.9	107.5	78.7	53.0	28.8	10.5	0.0
-45°	129.4	101.7	74.6	49.9	27.0	10.1	0.0
-47.5°	121.5	95.6	70.2	46.6	25.1	9.7	0.0
-50°	113.8	89.3	65.6	43.4	23.1	9.2	0.0
-52.5°	106.1	82.7	60.9	40.2	21.0	8.7	0.0
-55°	98.1	76.4	55.9	36.9	18.8	8.2	0.0
-57.5°	89.9	70.0	50.8	33.5	16.6	7.7	0.0
-60°	81.6	63.3	45.6	29.9	14.3	7.1	0.0
-62.5°	73.3	56.4	40.7	26.3	13.2	6.6	0.0
-65°	64.7	49.4	35.8	22.6	12.1	6.0	0.0
-67.5°	55.9	42.7	30.8	18.9	10.9	5.5	0.0
-70°	47.0	36.3	25.7	15.0	9.8	4.9	0.0
-72.5°	39.0	29.8	20.5	12.9	8.6	4.3	0.0
-75°	31.2	23.3	15.3	11.1	7.4	3.7	0.0
-77.5°	23.3	16.6	12.3	9.3	6.2	3.1	0.0
-80°	15.3	12.3	9.9	7.4	5.0	2.5	0.0
-82.5°	11.1	9.3	7.4	5.6	3.7	1.9	0.0
-85°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
-87.5°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)