

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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-730-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627265 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-730-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N69  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

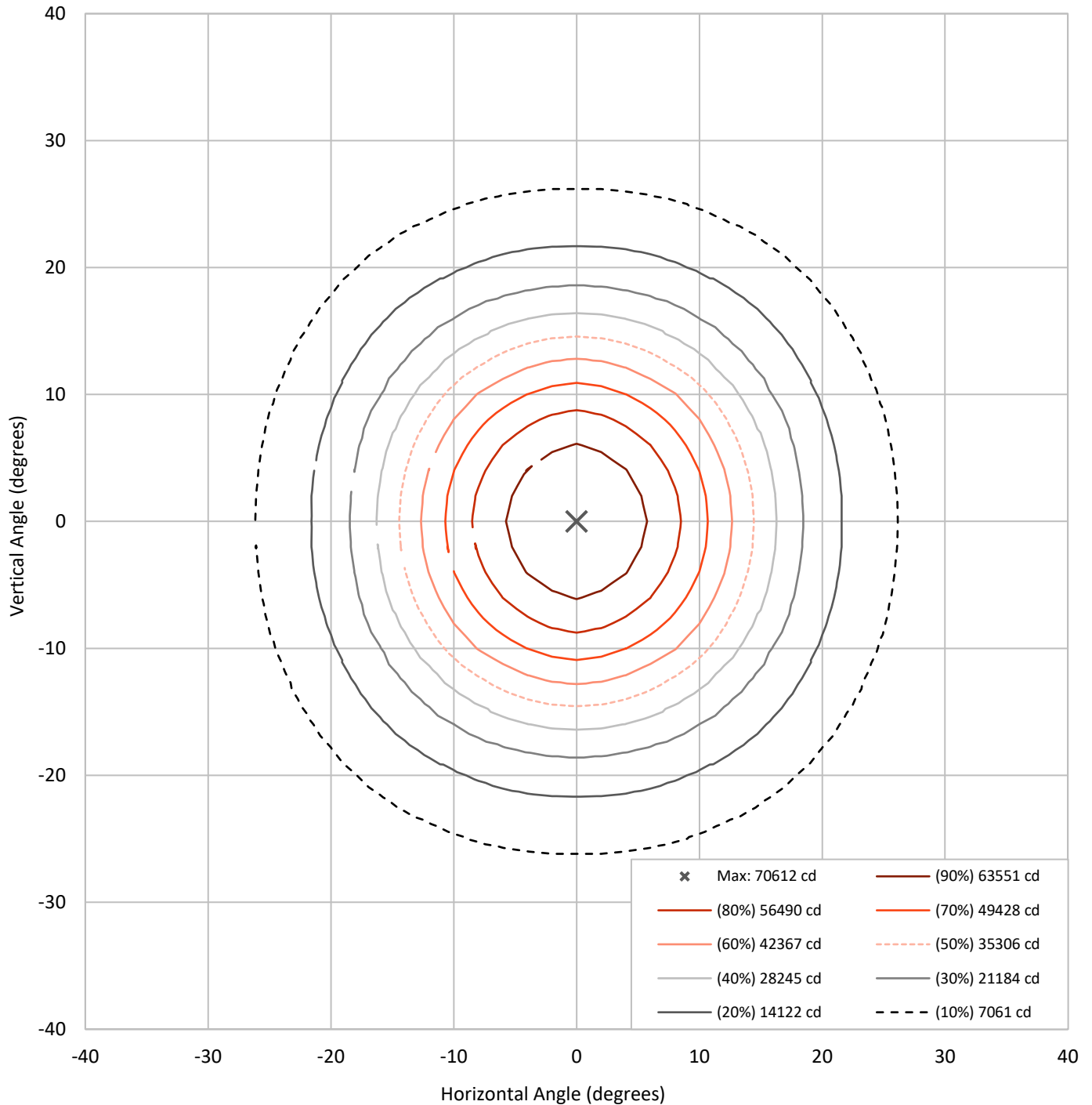
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	22061.6 lumens	Max Intensity:	70612 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	10726.1 lumens	Field Lumens:	18101.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	185.2		
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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

### Iso-Candela Plot





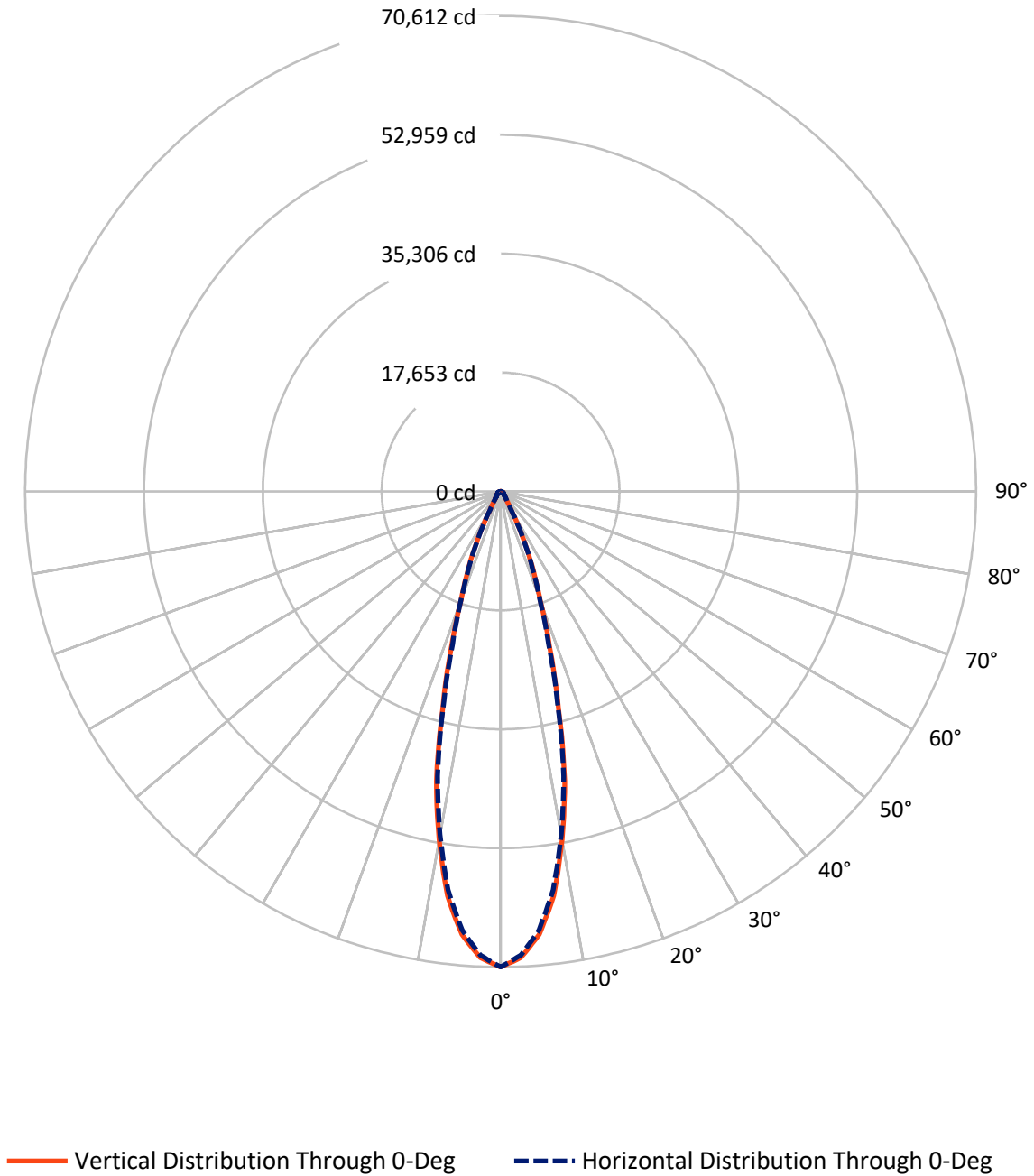
REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

### Lumen Table

90	0.4	3.6		9.6		15.1		16.8		15.1		9.6		3.6		0.4			
80	0.4	3.6		9.6		15.1		16.8		15.1		9.6		3.6		0.4			
70	1.7	1.9	3.8	6.2	8.7	10.7	11.9	12.5	12.5	11.9	10.7	8.7	6.2	3.8	1.9	1.7			
60		2.8	5.7	9.2	12.3	15.2	17.0	17.6	17.6	17.0	15.2	12.3	9.2	5.7	2.8				
50	2.9	3.6	7.3	11.4	15.1	19.1	22.5	24.1	24.1	22.5	19.1	15.1	11.4	7.3	3.6	2.9			
40		4.3	8.6	13.1	18.5	26.4	38.2	49.7	49.7	38.2	26.4	18.5	13.1	8.6	4.3				
30	3.7	4.8	9.4	14.8	23.7	51.6	145.2	257.5	257.5	145.2	51.6	23.7	14.8	9.4	4.8	3.7			
20		5.1	9.8	16.0	32.3	135.4	482.6	924.8	924.8	482.6	135.4	32.3	16.0	9.8	5.1				
10	4.0	5.3	10.0	16.9	41.0	233.7	893.2	1757.0	1757.0	893.2	233.7	41.0	16.9	10.0	5.3	4.0			
0		5.3	10.0	16.9	41.0	233.7	893.2	1757.0	1757.0	893.2	233.7	41.0	16.9	10.0	5.3				
-10	3.7	5.1	9.8	16.0	32.3	135.4	482.6	924.8	924.8	482.6	135.4	32.3	16.0	9.8	5.1	3.7			
-20		4.8	9.4	14.8	23.7	51.6	145.2	257.5	257.5	145.2	51.6	23.7	14.8	9.4	4.8				
-30	2.9	4.3	8.6	13.1	18.5	26.4	38.2	49.7	49.7	38.2	26.4	18.5	13.1	8.6	4.3	2.9			
-40		3.6	7.3	11.4	15.1	19.1	22.5	24.1	24.1	22.5	19.1	15.1	11.4	7.3	3.6				
-50	1.7	2.8	5.7	9.2	12.3	15.2	17.0	17.6	17.6	17.0	15.2	12.3	9.2	5.7	2.8	1.7			
-60		1.9	3.8	6.2	8.7	10.7	11.9	12.5	12.5	11.9	10.7	8.7	6.2	3.8	1.9				
-70	0.4	3.6		9.6		15.1		16.8		15.1		9.6		3.6		0.4			
-80		3.6		9.6		15.1		16.8		15.1		9.6		3.6					
-90	0.4	3.6		9.6		15.1		16.8		15.1		9.6		3.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

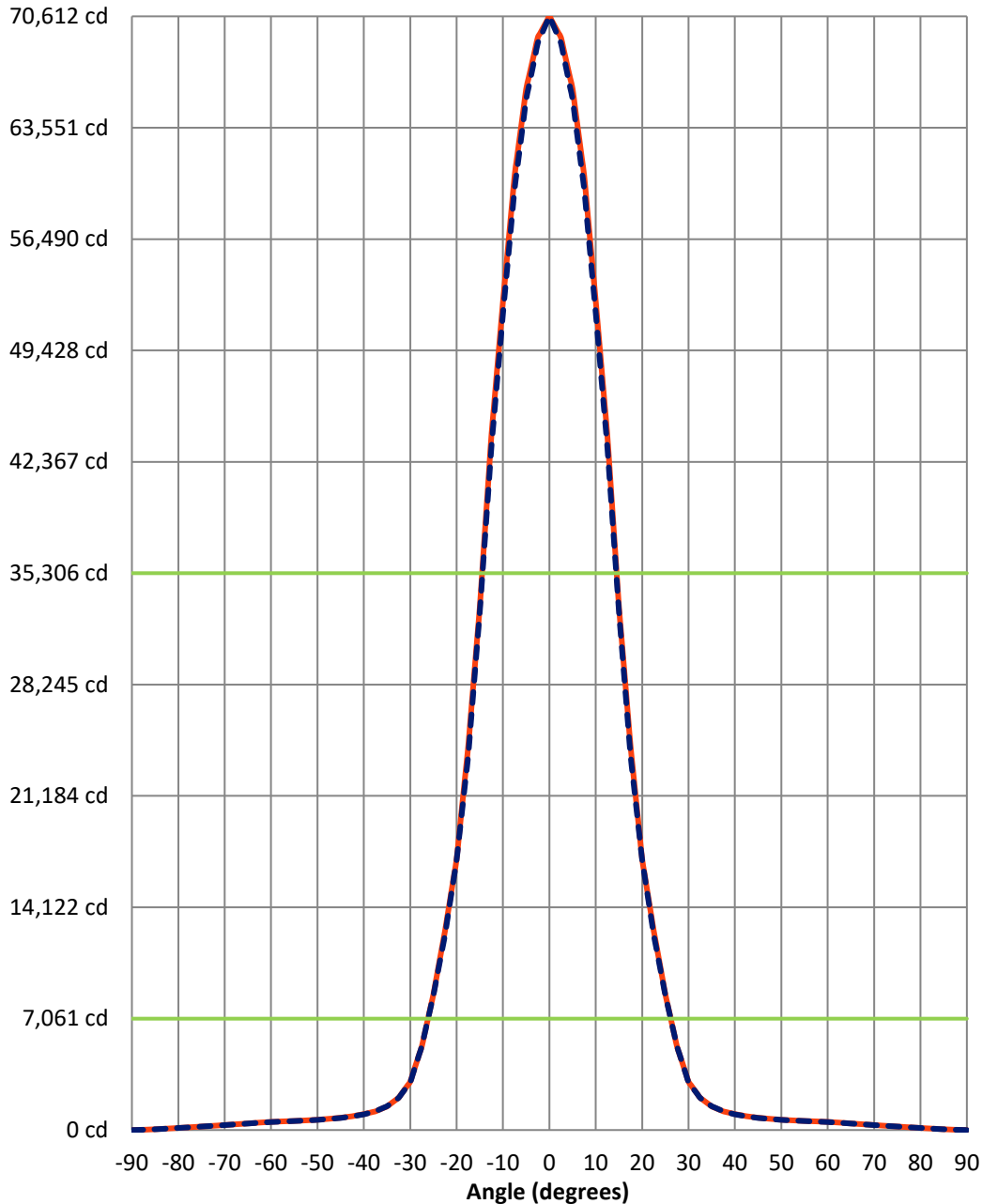
REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
H Angle: 28.8°  
V Angle: 29°  
Lumens: 10726.1  
Efficiency: 48.6%

**Field:**  
H Angle: 52.3°  
V Angle: 52.3°  
Lumens: 18101.2  
Efficiency: 82.0%

**Spill:**  
Lumens: 3960.4  
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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
82.5°	0.0	2.4	4.7	7.1	9.4	11.7	14.0	16.3	18.9	23.2	27.7
80°	0.0	3.1	6.3	9.4	12.5	15.6	19.1	24.6	30.4	36.5	42.8
77.5°	0.0	3.9	7.8	11.7	15.6	20.5	27.1	34.2	41.7	49.6	58.2
75°	0.0	4.7	9.4	14.0	19.1	27.1	35.2	43.8	53.1	64.1	74.9
72.5°	0.0	5.4	10.9	16.3	24.4	33.8	43.1	53.7	66.5	79.1	91.5
70°	0.0	6.2	12.4	18.8	29.6	40.3	51.2	65.3	79.7	93.9	109.3
67.5°	0.0	6.9	13.8	22.7	34.8	46.7	61.1	76.7	92.7	110.1	127.2
65°	0.0	7.6	15.3	26.5	39.8	54.0	70.8	87.9	106.9	126.0	145.2
62.5°	0.0	8.4	16.7	30.3	44.8	61.9	80.3	99.7	120.8	141.7	163.8
60°	0.0	9.0	18.1	33.9	49.7	69.7	89.6	111.6	134.3	157.7	181.8
57.5°	0.0	9.7	20.4	37.5	55.7	77.3	99.4	123.2	147.8	173.2	199.6
55°	0.0	10.4	22.7	40.9	61.6	84.7	109.0	134.5	160.9	188.3	217.1
52.5°	0.0	11.0	25.0	44.3	67.3	91.9	118.2	145.5	173.5	203.6	234.1
50°	0.0	11.6	27.2	47.5	72.9	99.2	127.0	156.1	185.8	218.4	249.9
47.5°	0.0	12.2	29.2	50.9	78.3	106.2	135.5	166.3	198.5	232.7	264.7
45°	0.0	12.8	31.2	54.7	83.4	112.9	143.9	176.2	210.7	245.2	278.8
42.5°	0.0	13.3	33.2	58.4	88.3	119.2	152.0	186.0	222.3	257.1	291.7
40°	0.0	13.9	35.0	61.9	93.1	125.1	159.6	195.5	233.0	268.2	304.0
37.5°	0.0	14.4	36.7	65.2	97.6	130.7	166.9	204.4	242.4	278.9	315.5
35°	0.0	14.8	38.4	68.2	101.8	136.3	173.8	212.8	251.3	288.9	326.4
32.5°	0.0	15.3	39.9	71.0	105.8	141.6	180.3	220.4	259.6	298.4	336.9
30°	0.0	15.7	41.4	73.5	109.4	146.6	186.4	227.4	267.3	307.1	346.7
27.5°	0.0	16.1	42.7	75.9	112.7	151.2	192.0	233.6	274.4	315.2	355.8
25°	0.0	16.4	43.9	78.0	115.8	155.4	197.1	239.2	280.9	322.5	364.1
22.5°	0.0	16.7	45.0	79.8	118.6	159.2	201.6	244.3	286.7	329.1	372.3
20°	0.0	17.0	46.1	81.5	121.1	162.5	205.5	248.8	291.9	335.0	379.7
17.5°	0.0	17.3	46.9	82.8	123.5	165.3	209.1	252.7	296.4	340.1	386.1
15°	0.0	17.5	47.7	84.0	125.5	167.6	212.4	256.3	300.2	344.5	391.5
12.5°	0.0	17.7	48.4	84.9	127.3	169.5	215.3	259.6	303.8	348.0	396.0
10°	0.0	17.8	48.9	85.6	128.7	170.9	217.7	262.4	307.0	352.2	400.2
7.5°	0.0	17.9	49.4	86.0	129.9	171.9	219.6	264.6	309.5	356.0	404.7
5°	0.0	18.0	49.7	86.3	130.7	172.4	221.0	266.2	311.3	359.0	408.3
2.5°	0.0	18.1	49.8	86.3	131.2	172.5	221.8	267.1	312.3	361.2	410.9
0°	0.0	18.1	49.9	86.1	131.4	172.2	222.1	267.4	312.7	362.6	412.5
-2.5°	0.0	18.1	49.8	86.3	131.2	172.5	221.8	267.1	312.3	361.2	410.9
-5°	0.0	18.0	49.7	86.3	130.7	172.4	221.0	266.2	311.3	359.0	408.3
-7.5°	0.0	17.9	49.4	86.0	129.9	171.9	219.6	264.6	309.5	356.0	404.7
-10°	0.0	17.8	48.9	85.6	128.7	170.9	217.7	262.4	307.0	352.2	400.2
-12.5°	0.0	17.7	48.4	84.9	127.3	169.5	215.3	259.6	303.8	348.0	396.0
-15°	0.0	17.5	47.7	84.0	125.5	167.6	212.4	256.3	300.2	344.5	391.5
-17.5°	0.0	17.3	46.9	82.8	123.5	165.3	209.1	252.7	296.4	340.1	386.1
-20°	0.0	17.0	46.1	81.5	121.1	162.5	205.5	248.8	291.9	335.0	379.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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	16.7	45.0	79.8	118.6	159.2	201.6	244.3	286.7	329.1	372.3
-25°	0.0	16.4	43.9	78.0	115.8	155.4	197.1	239.2	280.9	322.5	364.1
-27.5°	0.0	16.1	42.7	75.9	112.7	151.2	192.0	233.6	274.4	315.2	355.8
-30°	0.0	15.7	41.4	73.5	109.4	146.6	186.4	227.4	267.3	307.1	346.7
-32.5°	0.0	15.3	39.9	71.0	105.8	141.6	180.3	220.4	259.6	298.4	336.9
-35°	0.0	14.8	38.4	68.2	101.8	136.3	173.8	212.8	251.3	288.9	326.4
-37.5°	0.0	14.4	36.7	65.2	97.6	130.7	166.9	204.4	242.4	278.9	315.5
-40°	0.0	13.9	35.0	61.9	93.1	125.1	159.6	195.5	233.0	268.2	304.0
-42.5°	0.0	13.3	33.2	58.4	88.3	119.2	152.0	186.0	222.3	257.1	291.7
-45°	0.0	12.8	31.2	54.7	83.4	112.9	143.9	176.2	210.7	245.2	278.8
-47.5°	0.0	12.2	29.2	50.9	78.3	106.2	135.5	166.3	198.5	232.7	264.7
-50°	0.0	11.6	27.2	47.5	72.9	99.2	127.0	156.1	185.8	218.4	249.9
-52.5°	0.0	11.0	25.0	44.3	67.3	91.9	118.2	145.5	173.5	203.6	234.1
-55°	0.0	10.4	22.7	40.9	61.6	84.7	109.0	134.5	160.9	188.3	217.1
-57.5°	0.0	9.7	20.4	37.5	55.7	77.3	99.4	123.2	147.8	173.2	199.6
-60°	0.0	9.0	18.1	33.9	49.7	69.7	89.6	111.6	134.3	157.7	181.8
-62.5°	0.0	8.4	16.7	30.3	44.8	61.9	80.3	99.7	120.8	141.7	163.8
-65°	0.0	7.6	15.3	26.5	39.8	54.0	70.8	87.9	106.9	126.0	145.2
-67.5°	0.0	6.9	13.8	22.7	34.8	46.7	61.1	76.7	92.7	110.1	127.2
-70°	0.0	6.2	12.4	18.8	29.6	40.3	51.2	65.3	79.7	93.9	109.3
-72.5°	0.0	5.4	10.9	16.3	24.4	33.8	43.1	53.7	66.5	79.1	91.5
-75°	0.0	4.7	9.4	14.0	19.1	27.1	35.2	43.8	53.1	64.1	74.9
-77.5°	0.0	3.9	7.8	11.7	15.6	20.5	27.1	34.2	41.7	49.6	58.2
-80°	0.0	3.1	6.3	9.4	12.5	15.6	19.1	24.6	30.4	36.5	42.8
-82.5°	0.0	2.4	4.7	7.1	9.4	11.7	14.0	16.3	18.9	23.2	27.7
-85°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
-87.5°	0.0	0.8	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
-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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-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°	8.4	9.0	9.7	10.4	11.0	11.6	12.2	12.8	13.3	13.9	14.4
85°	16.7	18.1	20.8	23.4	26.0	28.4	30.8	33.1	35.3	37.4	39.4
82.5°	32.0	36.1	40.2	44.1	48.0	51.7	55.3	58.7	62.0	65.1	68.1
80°	48.6	54.1	59.7	64.9	69.9	74.9	79.6	84.2	88.6	93.3	98.3
77.5°	66.2	73.2	79.7	85.6	92.0	99.7	107.2	114.3	121.2	127.7	134.0
75°	84.2	92.3	101.2	109.9	119.1	128.3	137.3	146.0	154.4	163.1	171.7
72.5°	103.3	114.3	125.0	135.3	146.8	158.0	168.4	177.8	188.5	200.2	211.0
70°	123.5	136.2	149.6	162.9	175.9	188.4	201.3	214.2	227.2	239.8	251.9
67.5°	143.7	159.7	175.2	190.3	205.1	220.1	235.4	250.9	265.9	280.2	294.2
65°	165.4	183.2	200.6	217.5	234.0	252.3	270.3	287.7	306.6	324.2	339.5
62.5°	186.4	206.3	225.5	244.7	264.7	285.0	305.8	327.7	350.2	366.5	380.6
60°	206.6	229.1	250.5	272.5	294.8	317.7	341.7	364.9	385.6	403.4	418.2
57.5°	226.4	251.5	275.3	299.2	323.5	349.6	375.9	399.7	418.9	436.1	452.3
55°	245.5	273.4	298.7	324.0	351.7	382.3	409.3	430.8	450.4	464.6	480.1
52.5°	263.7	293.6	320.0	348.4	380.1	411.8	438.7	459.5	476.0	490.7	505.8
50°	281.1	311.1	340.5	372.8	406.3	438.1	465.3	484.4	501.0	516.3	530.8
47.5°	296.9	328.1	361.3	395.9	430.8	462.2	488.2	507.8	525.0	540.7	556.7
45°	311.8	345.3	380.6	418.4	454.3	485.3	509.0	530.1	546.6	564.3	584.4
42.5°	326.0	361.8	400.1	440.5	477.0	505.5	528.5	548.6	567.7	589.0	611.3
40°	340.0	377.3	418.7	461.1	498.3	523.0	546.1	567.4	589.4	613.5	637.9
37.5°	353.0	393.1	436.1	480.3	514.0	539.6	563.5	587.2	611.9	637.9	668.2
35°	365.0	407.6	452.7	495.4	527.8	555.8	581.3	607.1	634.8	666.5	699.9
32.5°	376.7	420.9	468.2	508.3	540.5	570.3	598.4	627.6	659.3	694.2	732.4
30°	388.1	433.8	481.7	521.3	551.7	582.2	615.2	647.7	682.9	721.7	766.6
27.5°	399.3	445.8	493.0	531.6	561.6	592.6	628.0	667.5	706.0	748.4	800.5
25°	409.4	458.2	504.2	539.7	570.1	602.6	639.6	681.6	726.8	777.4	841.1
22.5°	419.1	469.3	514.8	546.6	577.1	611.3	651.1	695.5	744.7	803.3	881.1
20°	428.1	478.0	521.8	553.0	583.0	618.3	661.0	707.8	764.0	834.9	927.9
17.5°	436.0	485.3	526.7	558.2	589.1	625.4	669.5	718.2	781.4	862.9	973.0
15°	442.7	491.3	530.9	562.2	594.3	632.8	678.2	731.2	800.4	890.3	1011.9
12.5°	448.3	496.0	534.4	565.1	598.4	638.2	685.5	743.8	819.4	920.1	1064.3
10°	452.6	499.4	537.2	566.9	601.3	641.8	691.3	753.6	834.8	945.1	1109.3
7.5°	456.9	502.5	539.2	567.7	602.9	643.6	695.4	760.5	846.1	963.9	1145.1
5°	459.9	505.3	540.3	569.4	604.0	644.4	698.1	764.6	853.2	976.2	1170.4
2.5°	461.7	507.0	540.4	570.6	604.0	644.7	701.4	766.8	861.0	986.6	1184.8
0°	462.3	507.6	539.4	571.1	602.8	643.6	702.5	766.0	865.7	992.6	1187.5
-2.5°	461.7	507.0	540.4	570.6	604.0	644.7	701.4	766.8	861.0	986.6	1184.8
-5°	459.9	505.3	540.3	569.4	604.0	644.4	698.1	764.6	853.2	976.2	1170.4
-7.5°	456.9	502.5	539.2	567.7	602.9	643.6	695.4	760.5	846.1	963.9	1145.1
-10°	452.6	499.4	537.2	566.9	601.3	641.8	691.3	753.6	834.8	945.1	1109.3
-12.5°	448.3	496.0	534.4	565.1	598.4	638.2	685.5	743.8	819.4	920.1	1064.3
-15°	442.7	491.3	530.9	562.2	594.3	632.8	678.2	731.2	800.4	890.3	1011.9
-17.5°	436.0	485.3	526.7	558.2	589.1	625.4	669.5	718.2	781.4	862.9	973.0
-20°	428.1	478.0	521.8	553.0	583.0	618.3	661.0	707.8	764.0	834.9	927.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	419.1	469.3	514.8	546.6	577.1	611.3	651.1	695.5	744.7	803.3	881.1
-25°	409.4	458.2	504.2	539.7	570.1	602.6	639.6	681.6	726.8	777.4	841.1
-27.5°	399.3	445.8	493.0	531.6	561.6	592.6	628.0	667.5	706.0	748.4	800.5
-30°	388.1	433.8	481.7	521.3	551.7	582.2	615.2	647.7	682.9	721.7	766.6
-32.5°	376.7	420.9	468.2	508.3	540.5	570.3	598.4	627.6	659.3	694.2	732.4
-35°	365.0	407.6	452.7	495.4	527.8	555.8	581.3	607.1	634.8	666.5	699.9
-37.5°	353.0	393.1	436.1	480.3	514.0	539.6	563.5	587.2	611.9	637.9	668.2
-40°	340.0	377.3	418.7	461.1	498.3	523.0	546.1	567.4	589.4	613.5	637.9
-42.5°	326.0	361.8	400.1	440.5	477.0	505.5	528.5	548.6	567.7	589.0	611.3
-45°	311.8	345.3	380.6	418.4	454.3	485.3	509.0	530.1	546.6	564.3	584.4
-47.5°	296.9	328.1	361.3	395.9	430.8	462.2	488.2	507.8	525.0	540.7	556.7
-50°	281.1	311.1	340.5	372.8	406.3	438.1	465.3	484.4	501.0	516.3	530.8
-52.5°	263.7	293.6	320.0	348.4	380.1	411.8	438.7	459.5	476.0	490.7	505.8
-55°	245.5	273.4	298.7	324.0	351.7	382.3	409.3	430.8	450.4	464.6	480.1
-57.5°	226.4	251.5	275.3	299.2	323.5	349.6	375.9	399.7	418.9	436.1	452.3
-60°	206.6	229.1	250.5	272.5	294.8	317.7	341.7	364.9	385.6	403.4	418.2
-62.5°	186.4	206.3	225.5	244.7	264.7	285.0	305.8	327.7	350.2	366.5	380.6
-65°	165.4	183.2	200.6	217.5	234.0	252.3	270.3	287.7	306.6	324.2	339.5
-67.5°	143.7	159.7	175.2	190.3	205.1	220.1	235.4	250.9	265.9	280.2	294.2
-70°	123.5	136.2	149.6	162.9	175.9	188.4	201.3	214.2	227.2	239.8	251.9
-72.5°	103.3	114.3	125.0	135.3	146.8	158.0	168.4	177.8	188.5	200.2	211.0
-75°	84.2	92.3	101.2	109.9	119.1	128.3	137.3	146.0	154.4	163.1	171.7
-77.5°	66.2	73.2	79.7	85.6	92.0	99.7	107.2	114.3	121.2	127.7	134.0
-80°	48.6	54.1	59.7	64.9	69.9	74.9	79.6	84.2	88.6	93.3	98.3
-82.5°	32.0	36.1	40.2	44.1	48.0	51.7	55.3	58.7	62.0	65.1	68.1
-85°	16.7	18.1	20.8	23.4	26.0	28.4	30.8	33.1	35.3	37.4	39.4
-87.5°	8.4	9.0	9.7	10.4	11.0	11.6	12.2	12.8	13.3	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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	17.7	17.8
85°	41.2	43.0	44.7	46.2	47.6	47.9	48.1	48.0	47.8	48.4	48.9
82.5°	70.9	74.1	77.3	80.5	83.6	84.8	85.6	86.2	86.6	87.8	88.8
80°	103.0	108.0	112.6	116.8	120.5	123.2	125.5	127.8	129.8	130.7	131.1
77.5°	140.2	146.3	152.0	157.3	162.1	166.0	169.1	171.7	173.6	174.9	175.7
75°	180.2	188.0	194.8	201.2	207.1	211.2	214.0	216.1	217.5	219.1	220.3
72.5°	220.8	229.5	237.7	245.4	252.1	256.8	260.1	262.8	264.9	266.4	267.1
70°	263.3	273.8	282.8	290.5	296.5	301.1	304.7	307.6	309.8	311.3	312.1
67.5°	307.4	318.6	327.1	333.8	339.3	344.1	348.5	351.7	353.9	356.1	358.4
65°	352.3	363.8	372.4	379.5	385.2	391.5	397.2	401.4	404.2	406.8	409.4
62.5°	394.6	407.5	417.5	426.8	436.3	445.2	450.4	454.3	457.2	459.7	462.6
60°	432.9	447.6	459.8	471.1	482.6	494.2	499.0	502.7	506.3	509.6	512.6
57.5°	467.0	482.5	497.4	508.6	519.6	530.4	537.9	542.1	544.8	546.3	547.6
55°	496.6	512.2	527.0	539.9	551.9	563.0	571.3	575.4	578.3	580.3	581.4
52.5°	523.2	539.8	555.7	570.0	582.9	595.0	605.4	610.9	615.4	618.5	619.6
50°	549.3	567.3	584.5	599.7	614.8	629.2	642.4	650.0	655.4	658.7	659.8
47.5°	576.5	596.1	614.6	632.3	649.4	666.5	682.2	692.6	700.4	706.0	710.1
45°	604.9	625.9	646.4	667.4	687.0	709.0	728.9	744.1	755.3	765.1	772.8
42.5°	633.4	657.0	680.6	707.6	734.4	759.4	783.0	803.2	821.6	839.7	853.7
40°	664.5	690.3	722.6	754.5	787.7	816.7	851.2	882.0	910.4	940.9	966.2
37.5°	698.4	731.6	769.8	808.2	851.2	892.9	941.1	988.5	1029.7	1083.2	1126.2
35°	735.3	777.4	822.6	874.0	929.4	994.9	1062.3	1141.3	1208.4	1293.5	1372.1
32.5°	776.5	826.0	884.5	955.2	1030.1	1135.3	1234.0	1367.9	1482.4	1630.1	1791.5
30°	818.3	882.4	962.0	1053.2	1179.9	1329.2	1503.3	1729.7	1974.7	2228.1	2569.2
27.5°	868.0	951.1	1050.5	1191.3	1380.9	1587.6	1942.2	2325.1	2858.6	3280.9	4033.0
25°	921.4	1024.3	1171.1	1375.3	1637.3	2055.5	2654.1	3347.3	4414.7	5364.2	6455.3
22.5°	984.7	1124.4	1318.8	1586.2	2042.9	2762.5	3696.9	5120.3	6702.7	8264.4	9691.8
20°	1051.7	1220.5	1492.4	1927.9	2633.7	3674.2	5341.3	7375.3	9476.0	11616.3	13419.9
17.5°	1130.0	1359.2	1717.3	2295.8	3302.7	5084.2	7310.8	9897.2	12641.6	15372.7	17745.0
15°	1197.3	1480.5	1962.7	2829.1	4330.7	6559.0	9295.6	12562.1	16013.3	19557.7	23399.2
12.5°	1283.0	1626.6	2215.5	3270.1	5242.8	8139.0	11487.5	15279.9	19494.3	24200.5	30189.3
10°	1361.8	1779.8	2548.0	3976.6	6339.2	9614.9	13380.8	17683.4	23150.0	30222.1	37446.0
7.5°	1424.8	1901.3	2805.9	4527.9	7258.6	10875.8	15085.6	20244.2	27064.1	35485.4	43739.2
5°	1468.7	1985.5	2990.4	4944.5	7998.2	11839.4	16295.4	22132.0	30363.3	39793.7	48221.4
2.5°	1496.3	2031.6	3080.7	5191.8	8480.7	12419.2	17050.2	23331.7	32385.4	42536.2	51069.0
0°	1509.3	2039.6	3023.2	5312.1	8548.3	12378.3	17119.3	23732.2	32865.2	43281.0	51779.4
-2.5°	1496.3	2031.6	3080.7	5191.8	8480.7	12419.2	17050.2	23331.7	32385.4	42536.2	51069.0
-5°	1468.7	1985.5	2990.4	4944.5	7998.2	11839.4	16295.4	22132.0	30363.3	39793.7	48221.4
-7.5°	1424.8	1901.3	2805.9	4527.9	7258.6	10875.8	15085.6	20244.2	27064.1	35485.4	43739.2
-10°	1361.8	1779.8	2548.0	3976.6	6339.2	9614.9	13380.8	17683.4	23150.0	30222.1	37446.0
-12.5°	1283.0	1626.6	2215.5	3270.1	5242.8	8139.0	11487.5	15279.9	19494.3	24200.5	30189.3
-15°	1197.3	1480.5	1962.7	2829.1	4330.7	6559.0	9295.6	12562.1	16013.3	19557.7	23399.2
-17.5°	1130.0	1359.2	1717.3	2295.8	3302.7	5084.2	7310.8	9897.2	12641.6	15372.7	17745.0
-20°	1051.7	1220.5	1492.4	1927.9	2633.7	3674.2	5341.3	7375.3	9476.0	11616.3	13419.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	984.7	1124.4	1318.8	1586.2	2042.9	2762.5	3696.9	5120.3	6702.7	8264.4	9691.8
-25°	921.4	1024.3	1171.1	1375.3	1637.3	2055.5	2654.1	3347.3	4414.7	5364.2	6455.3
-27.5°	868.0	951.1	1050.5	1191.3	1380.9	1587.6	1942.2	2325.1	2858.6	3280.9	4033.0
-30°	818.3	882.4	962.0	1053.2	1179.9	1329.2	1503.3	1729.7	1974.7	2228.1	2569.2
-32.5°	776.5	826.0	884.5	955.2	1030.1	1135.3	1234.0	1367.9	1482.4	1630.1	1791.5
-35°	735.3	777.4	822.6	874.0	929.4	994.9	1062.3	1141.3	1208.4	1293.5	1372.1
-37.5°	698.4	731.6	769.8	808.2	851.2	892.9	941.1	988.5	1029.7	1083.2	1126.2
-40°	664.5	690.3	722.6	754.5	787.7	816.7	851.2	882.0	910.4	940.9	966.2
-42.5°	633.4	657.0	680.6	707.6	734.4	759.4	783.0	803.2	821.6	839.7	853.7
-45°	604.9	625.9	646.4	667.4	687.0	709.0	728.9	744.1	755.3	765.1	772.8
-47.5°	576.5	596.1	614.6	632.3	649.4	666.5	682.2	692.6	700.4	706.0	710.1
-50°	549.3	567.3	584.5	599.7	614.8	629.2	642.4	650.0	655.4	658.7	659.8
-52.5°	523.2	539.8	555.7	570.0	582.9	595.0	605.4	610.9	615.4	618.5	619.6
-55°	496.6	512.2	527.0	539.9	551.9	563.0	571.3	575.4	578.3	580.3	581.4
-57.5°	467.0	482.5	497.4	508.6	519.6	530.4	537.9	542.1	544.8	546.3	547.6
-60°	432.9	447.6	459.8	471.1	482.6	494.2	499.0	502.7	506.3	509.6	512.6
-62.5°	394.6	407.5	417.5	426.8	436.3	445.2	450.4	454.3	457.2	459.7	462.6
-65°	352.3	363.8	372.4	379.5	385.2	391.5	397.2	401.4	404.2	406.8	409.4
-67.5°	307.4	318.6	327.1	333.8	339.3	344.1	348.5	351.7	353.9	356.1	358.4
-70°	263.3	273.8	282.8	290.5	296.5	301.1	304.7	307.6	309.8	311.3	312.1
-72.5°	220.8	229.5	237.7	245.4	252.1	256.8	260.1	262.8	264.9	266.4	267.1
-75°	180.2	188.0	194.8	201.2	207.1	211.2	214.0	216.1	217.5	219.1	220.3
-77.5°	140.2	146.3	152.0	157.3	162.1	166.0	169.1	171.7	173.6	174.9	175.7
-80°	103.0	108.0	112.6	116.8	120.5	123.2	125.5	127.8	129.8	130.7	131.1
-82.5°	70.9	74.1	77.3	80.5	83.6	84.8	85.6	86.2	86.6	87.8	88.8
-85°	41.2	43.0	44.7	46.2	47.6	47.9	48.1	48.0	47.8	48.4	48.9
-87.5°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	17.7	17.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.7	17.5	17.3
85°	49.4	49.7	49.8	49.9	49.8	49.7	49.4	48.9	48.4	47.8	48.0
82.5°	89.6	90.2	90.6	90.7	90.6	90.2	89.6	88.8	87.8	86.6	86.2
80°	131.2	130.8	131.2	131.4	131.2	130.8	131.2	131.1	130.7	129.8	127.8
77.5°	176.0	176.0	176.6	176.8	176.6	176.0	176.0	175.7	174.9	173.6	171.7
75°	221.0	221.1	221.8	222.1	221.8	221.1	221.0	220.3	219.1	217.5	216.1
72.5°	267.1	266.4	267.1	267.4	267.1	266.4	267.1	267.1	266.4	264.9	262.8
70°	312.2	311.6	314.5	317.3	314.5	311.6	312.2	312.1	311.3	309.8	307.6
67.5°	360.1	361.0	364.2	367.1	364.2	361.0	360.1	358.4	356.1	353.9	351.7
65°	410.7	410.9	414.0	417.0	414.0	410.9	410.7	409.4	406.8	404.2	401.4
62.5°	464.4	464.9	468.2	471.4	468.2	464.9	464.4	462.6	459.7	457.2	454.3
60°	514.4	514.9	516.1	516.7	516.1	514.9	514.4	512.6	509.6	506.3	502.7
57.5°	548.0	547.5	548.0	548.4	548.0	547.5	548.0	547.6	546.3	544.8	542.1
55°	581.2	579.7	577.9	575.6	577.9	579.7	581.2	581.4	580.3	578.3	575.4
52.5°	618.7	616.3	614.1	611.9	614.1	616.3	618.7	619.6	618.5	615.4	610.9
50°	659.1	657.0	654.9	652.7	654.9	657.0	659.1	659.8	658.7	655.4	650.0
47.5°	712.9	713.9	713.5	711.6	713.5	713.9	712.9	710.1	706.0	700.4	692.6
45°	778.4	781.0	781.3	779.6	781.3	781.0	778.4	772.8	765.1	755.3	744.1
42.5°	863.7	869.4	872.6	874.8	872.6	869.4	863.7	853.7	839.7	821.6	803.2
40°	984.6	996.3	1003.8	1010.8	1003.8	996.3	984.6	966.2	940.9	910.4	882.0
37.5°	1158.1	1179.4	1188.8	1183.0	1188.8	1179.4	1158.1	1126.2	1083.2	1029.7	988.5
35°	1432.6	1473.0	1494.0	1495.7	1494.0	1473.0	1432.6	1372.1	1293.5	1208.4	1141.3
32.5°	1910.8	1993.5	2037.9	2044.2	2037.9	1993.5	1910.8	1791.5	1630.1	1482.4	1367.9
30°	2830.3	2999.0	3078.3	3059.4	3078.3	2999.0	2830.3	2569.2	2228.1	1974.7	1729.7
27.5°	4617.7	5038.4	5287.7	5307.6	5287.7	5038.4	4617.7	4033.0	3280.9	2858.6	2325.1
25°	7421.7	8139.9	8599.8	8607.2	8599.8	8139.9	7421.7	6455.3	5364.2	4414.7	3347.3
22.5°	11011.8	11992.1	12529.3	12623.0	12529.3	11992.1	11011.8	9691.8	8264.4	6702.7	5120.3
20°	15171.0	16475.2	17172.9	17173.7	17172.9	16475.2	15171.0	13419.9	11616.3	9476.0	7375.3
17.5°	20293.2	22410.8	23740.2	24312.4	23740.2	22410.8	20293.2	17745.0	15372.7	12641.6	9897.2
15°	27098.2	30656.8	32789.2	33173.5	32789.2	30656.8	27098.2	23399.2	19557.7	16013.3	12562.1
12.5°	35384.1	39887.5	42914.8	44024.3	42914.8	39887.5	35384.1	30189.3	24200.5	19494.3	15279.9
10°	44035.2	48207.9	51451.1	52540.9	51451.1	48207.9	44035.2	37446.0	30222.1	23150.0	17683.4
7.5°	50285.0	55260.8	58913.9	60518.1	58913.9	55260.8	50285.0	43739.2	35485.4	27064.1	20244.2
5°	55218.5	61106.1	64506.8	66016.0	64506.8	61106.1	55218.5	48221.4	39793.7	30363.3	22132.0
2.5°	58455.6	64273.0	67874.2	69265.9	67874.2	64273.0	58455.6	51069.0	42536.2	32385.4	23331.7
0°	59666.0	65354.3	68912.3	70612.0	68912.3	65354.3	59666.0	51779.4	43281.0	32865.2	23732.2
-2.5°	58455.6	64273.0	67874.2	69265.9	67874.2	64273.0	58455.6	51069.0	42536.2	32385.4	23331.7
-5°	55218.5	61106.1	64506.8	66016.0	64506.8	61106.1	55218.5	48221.4	39793.7	30363.3	22132.0
-7.5°	50285.0	55260.8	58913.9	60518.1	58913.9	55260.8	50285.0	43739.2	35485.4	27064.1	20244.2
-10°	44035.2	48207.9	51451.1	52540.9	51451.1	48207.9	44035.2	37446.0	30222.1	23150.0	17683.4
-12.5°	35384.1	39887.5	42914.8	44024.3	42914.8	39887.5	35384.1	30189.3	24200.5	19494.3	15279.9
-15°	27098.2	30656.8	32789.2	33173.5	32789.2	30656.8	27098.2	23399.2	19557.7	16013.3	12562.1
-17.5°	20293.2	22410.8	23740.2	24312.4	23740.2	22410.8	20293.2	17745.0	15372.7	12641.6	9897.2
-20°	15171.0	16475.2	17172.9	17173.7	17172.9	16475.2	15171.0	13419.9	11616.3	9476.0	7375.3



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-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°	11011.8	11992.1	12529.3	12623.0	12529.3	11992.1	11011.8	9691.8	8264.4	6702.7	5120.3
-25°	7421.7	8139.9	8599.8	8607.2	8599.8	8139.9	7421.7	6455.3	5364.2	4414.7	3347.3
-27.5°	4617.7	5038.4	5287.7	5307.6	5287.7	5038.4	4617.7	4033.0	3280.9	2858.6	2325.1
-30°	2830.3	2999.0	3078.3	3059.4	3078.3	2999.0	2830.3	2569.2	2228.1	1974.7	1729.7
-32.5°	1910.8	1993.5	2037.9	2044.2	2037.9	1993.5	1910.8	1791.5	1630.1	1482.4	1367.9
-35°	1432.6	1473.0	1494.0	1495.7	1494.0	1473.0	1432.6	1372.1	1293.5	1208.4	1141.3
-37.5°	1158.1	1179.4	1188.8	1183.0	1188.8	1179.4	1158.1	1126.2	1083.2	1029.7	988.5
-40°	984.6	996.3	1003.8	1010.8	1003.8	996.3	984.6	966.2	940.9	910.4	882.0
-42.5°	863.7	869.4	872.6	874.8	872.6	869.4	863.7	853.7	839.7	821.6	803.2
-45°	778.4	781.0	781.3	779.6	781.3	781.0	778.4	772.8	765.1	755.3	744.1
-47.5°	712.9	713.9	713.5	711.6	713.5	713.9	712.9	710.1	706.0	700.4	692.6
-50°	659.1	657.0	654.9	652.7	654.9	657.0	659.1	659.8	658.7	655.4	650.0
-52.5°	618.7	616.3	614.1	611.9	614.1	616.3	618.7	619.6	618.5	615.4	610.9
-55°	581.2	579.7	577.9	575.6	577.9	579.7	581.2	581.4	580.3	578.3	575.4
-57.5°	548.0	547.5	548.0	548.4	548.0	547.5	548.0	547.6	546.3	544.8	542.1
-60°	514.4	514.9	516.1	516.7	516.1	514.9	514.4	512.6	509.6	506.3	502.7
-62.5°	464.4	464.9	468.2	471.4	468.2	464.9	464.4	462.6	459.7	457.2	454.3
-65°	410.7	410.9	414.0	417.0	414.0	410.9	410.7	409.4	406.8	404.2	401.4
-67.5°	360.1	361.0	364.2	367.1	364.2	361.0	360.1	358.4	356.1	353.9	351.7
-70°	312.2	311.6	314.5	317.3	314.5	311.6	312.2	312.1	311.3	309.8	307.6
-72.5°	267.1	266.4	267.1	267.4	267.1	266.4	267.1	267.1	266.4	264.9	262.8
-75°	221.0	221.1	221.8	222.1	221.8	221.1	221.0	220.3	219.1	217.5	216.1
-77.5°	176.0	176.0	176.6	176.8	176.6	176.0	176.0	175.7	174.9	173.6	171.7
-80°	131.2	130.8	131.2	131.4	131.2	130.8	131.2	131.1	130.7	129.8	127.8
-82.5°	89.6	90.2	90.6	90.7	90.6	90.2	89.6	88.8	87.8	86.6	86.2
-85°	49.4	49.7	49.8	49.9	49.8	49.7	49.4	48.9	48.4	47.8	48.0
-87.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.7	17.5	17.3
-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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-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°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
85°	48.1	47.9	47.6	46.2	44.7	43.0	41.2	39.4	37.4	35.3	33.1
82.5°	85.6	84.8	83.6	80.5	77.3	74.1	70.9	68.1	65.1	62.0	58.7
80°	125.5	123.2	120.5	116.8	112.6	108.0	103.0	98.3	93.3	88.6	84.2
77.5°	169.1	166.0	162.1	157.3	152.0	146.3	140.2	134.0	127.7	121.2	114.3
75°	214.0	211.2	207.1	201.2	194.8	188.0	180.2	171.7	163.1	154.4	146.0
72.5°	260.1	256.8	252.1	245.4	237.7	229.5	220.8	211.0	200.2	188.5	177.8
70°	304.7	301.1	296.5	290.5	282.8	273.8	263.3	251.9	239.8	227.2	214.2
67.5°	348.5	344.1	339.3	333.8	327.1	318.6	307.4	294.2	280.2	265.9	250.9
65°	397.2	391.5	385.2	379.5	372.4	363.8	352.3	339.5	324.2	306.6	287.7
62.5°	450.4	445.2	436.3	426.8	417.5	407.5	394.6	380.6	366.5	350.2	327.7
60°	499.0	494.2	482.6	471.1	459.8	447.6	432.9	418.2	403.4	385.6	364.9
57.5°	537.9	530.4	519.6	508.6	497.4	482.5	467.0	452.3	436.1	418.9	399.7
55°	571.3	563.0	551.9	539.9	527.0	512.2	496.6	480.1	464.6	450.4	430.8
52.5°	605.4	595.0	582.9	570.0	555.7	539.8	523.2	505.8	490.7	476.0	459.5
50°	642.4	629.2	614.8	599.7	584.5	567.3	549.3	530.8	516.3	501.0	484.4
47.5°	682.2	666.5	649.4	632.3	614.6	596.1	576.5	556.7	540.7	525.0	507.8
45°	728.9	709.0	687.0	667.4	646.4	625.9	604.9	584.4	564.3	546.6	530.1
42.5°	783.0	759.4	734.4	707.6	680.6	657.0	633.4	611.3	589.0	567.7	548.6
40°	851.2	816.7	787.7	754.5	722.6	690.3	664.5	637.9	613.5	589.4	567.4
37.5°	941.1	892.9	851.2	808.2	769.8	731.6	698.4	668.2	637.9	611.9	587.2
35°	1062.3	994.9	929.4	874.0	822.6	777.4	735.3	699.9	666.5	634.8	607.1
32.5°	1234.0	1135.3	1030.1	955.2	884.5	826.0	776.5	732.4	694.2	659.3	627.6
30°	1503.3	1329.2	1179.9	1053.2	962.0	882.4	818.3	766.6	721.7	682.9	647.7
27.5°	1942.2	1587.6	1380.9	1191.3	1050.5	951.1	868.0	800.5	748.4	706.0	667.5
25°	2654.1	2055.5	1637.3	1375.3	1171.1	1024.3	921.4	841.1	777.4	726.8	681.6
22.5°	3696.9	2762.5	2042.9	1586.2	1318.8	1124.4	984.7	881.1	803.3	744.7	695.5
20°	5341.3	3674.2	2633.7	1927.9	1492.4	1220.5	1051.7	927.9	834.9	764.0	707.8
17.5°	7310.8	5084.2	3302.7	2295.8	1717.3	1359.2	1130.0	973.0	862.9	781.4	718.2
15°	9295.6	6559.0	4330.7	2829.1	1962.7	1480.5	1197.3	1011.9	890.3	800.4	731.2
12.5°	11487.5	8139.0	5242.8	3270.1	2215.5	1626.6	1283.0	1064.3	920.1	819.4	743.8
10°	13380.8	9614.9	6339.2	3976.6	2548.0	1779.8	1361.8	1109.3	945.1	834.8	753.6
7.5°	15085.6	10875.8	7258.6	4527.9	2805.9	1901.3	1424.8	1145.1	963.9	846.1	760.5
5°	16295.4	11839.4	7998.2	4944.5	2990.4	1985.5	1468.7	1170.4	976.2	853.2	764.6
2.5°	17050.2	12419.2	8480.7	5191.8	3080.7	2031.6	1496.3	1184.8	986.6	861.0	766.8
0°	17119.3	12378.3	8548.3	5312.1	3023.2	2039.6	1509.3	1187.5	992.6	865.7	766.0
-2.5°	17050.2	12419.2	8480.7	5191.8	3080.7	2031.6	1496.3	1184.8	986.6	861.0	766.8
-5°	16295.4	11839.4	7998.2	4944.5	2990.4	1985.5	1468.7	1170.4	976.2	853.2	764.6
-7.5°	15085.6	10875.8	7258.6	4527.9	2805.9	1901.3	1424.8	1145.1	963.9	846.1	760.5
-10°	13380.8	9614.9	6339.2	3976.6	2548.0	1779.8	1361.8	1109.3	945.1	834.8	753.6
-12.5°	11487.5	8139.0	5242.8	3270.1	2215.5	1626.6	1283.0	1064.3	920.1	819.4	743.8
-15°	9295.6	6559.0	4330.7	2829.1	1962.7	1480.5	1197.3	1011.9	890.3	800.4	731.2
-17.5°	7310.8	5084.2	3302.7	2295.8	1717.3	1359.2	1130.0	973.0	862.9	781.4	718.2
-20°	5341.3	3674.2	2633.7	1927.9	1492.4	1220.5	1051.7	927.9	834.9	764.0	707.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3696.9	2762.5	2042.9	1586.2	1318.8	1124.4	984.7	881.1	803.3	744.7	695.5
-25°	2654.1	2055.5	1637.3	1375.3	1171.1	1024.3	921.4	841.1	777.4	726.8	681.6
-27.5°	1942.2	1587.6	1380.9	1191.3	1050.5	951.1	868.0	800.5	748.4	706.0	667.5
-30°	1503.3	1329.2	1179.9	1053.2	962.0	882.4	818.3	766.6	721.7	682.9	647.7
-32.5°	1234.0	1135.3	1030.1	955.2	884.5	826.0	776.5	732.4	694.2	659.3	627.6
-35°	1062.3	994.9	929.4	874.0	822.6	777.4	735.3	699.9	666.5	634.8	607.1
-37.5°	941.1	892.9	851.2	808.2	769.8	731.6	698.4	668.2	637.9	611.9	587.2
-40°	851.2	816.7	787.7	754.5	722.6	690.3	664.5	637.9	613.5	589.4	567.4
-42.5°	783.0	759.4	734.4	707.6	680.6	657.0	633.4	611.3	589.0	567.7	548.6
-45°	728.9	709.0	687.0	667.4	646.4	625.9	604.9	584.4	564.3	546.6	530.1
-47.5°	682.2	666.5	649.4	632.3	614.6	596.1	576.5	556.7	540.7	525.0	507.8
-50°	642.4	629.2	614.8	599.7	584.5	567.3	549.3	530.8	516.3	501.0	484.4
-52.5°	605.4	595.0	582.9	570.0	555.7	539.8	523.2	505.8	490.7	476.0	459.5
-55°	571.3	563.0	551.9	539.9	527.0	512.2	496.6	480.1	464.6	450.4	430.8
-57.5°	537.9	530.4	519.6	508.6	497.4	482.5	467.0	452.3	436.1	418.9	399.7
-60°	499.0	494.2	482.6	471.1	459.8	447.6	432.9	418.2	403.4	385.6	364.9
-62.5°	450.4	445.2	436.3	426.8	417.5	407.5	394.6	380.6	366.5	350.2	327.7
-65°	397.2	391.5	385.2	379.5	372.4	363.8	352.3	339.5	324.2	306.6	287.7
-67.5°	348.5	344.1	339.3	333.8	327.1	318.6	307.4	294.2	280.2	265.9	250.9
-70°	304.7	301.1	296.5	290.5	282.8	273.8	263.3	251.9	239.8	227.2	214.2
-72.5°	260.1	256.8	252.1	245.4	237.7	229.5	220.8	211.0	200.2	188.5	177.8
-75°	214.0	211.2	207.1	201.2	194.8	188.0	180.2	171.7	163.1	154.4	146.0
-77.5°	169.1	166.0	162.1	157.3	152.0	146.3	140.2	134.0	127.7	121.2	114.3
-80°	125.5	123.2	120.5	116.8	112.6	108.0	103.0	98.3	93.3	88.6	84.2
-82.5°	85.6	84.8	83.6	80.5	77.3	74.1	70.9	68.1	65.1	62.0	58.7
-85°	48.1	47.9	47.6	46.2	44.7	43.0	41.2	39.4	37.4	35.3	33.1
-87.5°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	5.4
85°	30.8	28.4	26.0	23.4	20.8	18.1	16.7	15.3	13.8	12.4	10.9
82.5°	55.3	51.7	48.0	44.1	40.2	36.1	32.0	27.7	23.2	18.9	16.3
80°	79.6	74.9	69.9	64.9	59.7	54.1	48.6	42.8	36.5	30.4	24.6
77.5°	107.2	99.7	92.0	85.6	79.7	73.2	66.2	58.2	49.6	41.7	34.2
75°	137.3	128.3	119.1	109.9	101.2	92.3	84.2	74.9	64.1	53.1	43.8
72.5°	168.4	158.0	146.8	135.3	125.0	114.3	103.3	91.5	79.1	66.5	53.7
70°	201.3	188.4	175.9	162.9	149.6	136.2	123.5	109.3	93.9	79.7	65.3
67.5°	235.4	220.1	205.1	190.3	175.2	159.7	143.7	127.2	110.1	92.7	76.7
65°	270.3	252.3	234.0	217.5	200.6	183.2	165.4	145.2	126.0	106.9	87.9
62.5°	305.8	285.0	264.7	244.7	225.5	206.3	186.4	163.8	141.7	120.8	99.7
60°	341.7	317.7	294.8	272.5	250.5	229.1	206.6	181.8	157.7	134.3	111.6
57.5°	375.9	349.6	323.5	299.2	275.3	251.5	226.4	199.6	173.2	147.8	123.2
55°	409.3	382.3	351.7	324.0	298.7	273.4	245.5	217.1	188.3	160.9	134.5
52.5°	438.7	411.8	380.1	348.4	320.0	293.6	263.7	234.1	203.6	173.5	145.5
50°	465.3	438.1	406.3	372.8	340.5	311.1	281.1	249.9	218.4	185.8	156.1
47.5°	488.2	462.2	430.8	395.9	361.3	328.1	296.9	264.7	232.7	198.5	166.3
45°	509.0	485.3	454.3	418.4	380.6	345.3	311.8	278.8	245.2	210.7	176.2
42.5°	528.5	505.5	477.0	440.5	400.1	361.8	326.0	291.7	257.1	222.3	186.0
40°	546.1	523.0	498.3	461.1	418.7	377.3	340.0	304.0	268.2	233.0	195.5
37.5°	563.5	539.6	514.0	480.3	436.1	393.1	353.0	315.5	278.9	242.4	204.4
35°	581.3	555.8	527.8	495.4	452.7	407.6	365.0	326.4	288.9	251.3	212.8
32.5°	598.4	570.3	540.5	508.3	468.2	420.9	376.7	336.9	298.4	259.6	220.4
30°	615.2	582.2	551.7	521.3	481.7	433.8	388.1	346.7	307.1	267.3	227.4
27.5°	628.0	592.6	561.6	531.6	493.0	445.8	399.3	355.8	315.2	274.4	233.6
25°	639.6	602.6	570.1	539.7	504.2	458.2	409.4	364.1	322.5	280.9	239.2
22.5°	651.1	611.3	577.1	546.6	514.8	469.3	419.1	372.3	329.1	286.7	244.3
20°	661.0	618.3	583.0	553.0	521.8	478.0	428.1	379.7	335.0	291.9	248.8
17.5°	669.5	625.4	589.1	558.2	526.7	485.3	436.0	386.1	340.1	296.4	252.7
15°	678.2	632.8	594.3	562.2	530.9	491.3	442.7	391.5	344.5	300.2	256.3
12.5°	685.5	638.2	598.4	565.1	534.4	496.0	448.3	396.0	348.0	303.8	259.6
10°	691.3	641.8	601.3	566.9	537.2	499.4	452.6	400.2	352.2	307.0	262.4
7.5°	695.4	643.6	602.9	567.7	539.2	502.5	456.9	404.7	356.0	309.5	264.6
5°	698.1	644.4	604.0	569.4	540.3	505.3	459.9	408.3	359.0	311.3	266.2
2.5°	701.4	644.7	604.0	570.6	540.4	507.0	461.7	410.9	361.2	312.3	267.1
0°	702.5	643.6	602.8	571.1	539.4	507.6	462.3	412.5	362.6	312.7	267.4
-2.5°	701.4	644.7	604.0	570.6	540.4	507.0	461.7	410.9	361.2	312.3	267.1
-5°	698.1	644.4	604.0	569.4	540.3	505.3	459.9	408.3	359.0	311.3	266.2
-7.5°	695.4	643.6	602.9	567.7	539.2	502.5	456.9	404.7	356.0	309.5	264.6
-10°	691.3	641.8	601.3	566.9	537.2	499.4	452.6	400.2	352.2	307.0	262.4
-12.5°	685.5	638.2	598.4	565.1	534.4	496.0	448.3	396.0	348.0	303.8	259.6
-15°	678.2	632.8	594.3	562.2	530.9	491.3	442.7	391.5	344.5	300.2	256.3
-17.5°	669.5	625.4	589.1	558.2	526.7	485.3	436.0	386.1	340.1	296.4	252.7
-20°	661.0	618.3	583.0	553.0	521.8	478.0	428.1	379.7	335.0	291.9	248.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	651.1	611.3	577.1	546.6	514.8	469.3	419.1	372.3	329.1	286.7	244.3
-25°	639.6	602.6	570.1	539.7	504.2	458.2	409.4	364.1	322.5	280.9	239.2
-27.5°	628.0	592.6	561.6	531.6	493.0	445.8	399.3	355.8	315.2	274.4	233.6
-30°	615.2	582.2	551.7	521.3	481.7	433.8	388.1	346.7	307.1	267.3	227.4
-32.5°	598.4	570.3	540.5	508.3	468.2	420.9	376.7	336.9	298.4	259.6	220.4
-35°	581.3	555.8	527.8	495.4	452.7	407.6	365.0	326.4	288.9	251.3	212.8
-37.5°	563.5	539.6	514.0	480.3	436.1	393.1	353.0	315.5	278.9	242.4	204.4
-40°	546.1	523.0	498.3	461.1	418.7	377.3	340.0	304.0	268.2	233.0	195.5
-42.5°	528.5	505.5	477.0	440.5	400.1	361.8	326.0	291.7	257.1	222.3	186.0
-45°	509.0	485.3	454.3	418.4	380.6	345.3	311.8	278.8	245.2	210.7	176.2
-47.5°	488.2	462.2	430.8	395.9	361.3	328.1	296.9	264.7	232.7	198.5	166.3
-50°	465.3	438.1	406.3	372.8	340.5	311.1	281.1	249.9	218.4	185.8	156.1
-52.5°	438.7	411.8	380.1	348.4	320.0	293.6	263.7	234.1	203.6	173.5	145.5
-55°	409.3	382.3	351.7	324.0	298.7	273.4	245.5	217.1	188.3	160.9	134.5
-57.5°	375.9	349.6	323.5	299.2	275.3	251.5	226.4	199.6	173.2	147.8	123.2
-60°	341.7	317.7	294.8	272.5	250.5	229.1	206.6	181.8	157.7	134.3	111.6
-62.5°	305.8	285.0	264.7	244.7	225.5	206.3	186.4	163.8	141.7	120.8	99.7
-65°	270.3	252.3	234.0	217.5	200.6	183.2	165.4	145.2	126.0	106.9	87.9
-67.5°	235.4	220.1	205.1	190.3	175.2	159.7	143.7	127.2	110.1	92.7	76.7
-70°	201.3	188.4	175.9	162.9	149.6	136.2	123.5	109.3	93.9	79.7	65.3
-72.5°	168.4	158.0	146.8	135.3	125.0	114.3	103.3	91.5	79.1	66.5	53.7
-75°	137.3	128.3	119.1	109.9	101.2	92.3	84.2	74.9	64.1	53.1	43.8
-77.5°	107.2	99.7	92.0	85.6	79.7	73.2	66.2	58.2	49.6	41.7	34.2
-80°	79.6	74.9	69.9	64.9	59.7	54.1	48.6	42.8	36.5	30.4	24.6
-82.5°	55.3	51.7	48.0	44.1	40.2	36.1	32.0	27.7	23.2	18.9	16.3
-85°	30.8	28.4	26.0	23.4	20.8	18.1	16.7	15.3	13.8	12.4	10.9
-87.5°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	5.4
-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: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	4.7	3.9	3.1	2.4	1.6	0.8	0.0
85°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
82.5°	14.0	11.7	9.4	7.1	4.7	2.4	0.0
80°	19.1	15.6	12.5	9.4	6.3	3.1	0.0
77.5°	27.1	20.5	15.6	11.7	7.8	3.9	0.0
75°	35.2	27.1	19.1	14.0	9.4	4.7	0.0
72.5°	43.1	33.8	24.4	16.3	10.9	5.4	0.0
70°	51.2	40.3	29.6	18.8	12.4	6.2	0.0
67.5°	61.1	46.7	34.8	22.7	13.8	6.9	0.0
65°	70.8	54.0	39.8	26.5	15.3	7.6	0.0
62.5°	80.3	61.9	44.8	30.3	16.7	8.4	0.0
60°	89.6	69.7	49.7	33.9	18.1	9.0	0.0
57.5°	99.4	77.3	55.7	37.5	20.4	9.7	0.0
55°	109.0	84.7	61.6	40.9	22.7	10.4	0.0
52.5°	118.2	91.9	67.3	44.3	25.0	11.0	0.0
50°	127.0	99.2	72.9	47.5	27.2	11.6	0.0
47.5°	135.5	106.2	78.3	50.9	29.2	12.2	0.0
45°	143.9	112.9	83.4	54.7	31.2	12.8	0.0
42.5°	152.0	119.2	88.3	58.4	33.2	13.3	0.0
40°	159.6	125.1	93.1	61.9	35.0	13.9	0.0
37.5°	166.9	130.7	97.6	65.2	36.7	14.4	0.0
35°	173.8	136.3	101.8	68.2	38.4	14.8	0.0
32.5°	180.3	141.6	105.8	71.0	39.9	15.3	0.0
30°	186.4	146.6	109.4	73.5	41.4	15.7	0.0
27.5°	192.0	151.2	112.7	75.9	42.7	16.1	0.0
25°	197.1	155.4	115.8	78.0	43.9	16.4	0.0
22.5°	201.6	159.2	118.6	79.8	45.0	16.7	0.0
20°	205.5	162.5	121.1	81.5	46.1	17.0	0.0
17.5°	209.1	165.3	123.5	82.8	46.9	17.3	0.0
15°	212.4	167.6	125.5	84.0	47.7	17.5	0.0
12.5°	215.3	169.5	127.3	84.9	48.4	17.7	0.0
10°	217.7	170.9	128.7	85.6	48.9	17.8	0.0
7.5°	219.6	171.9	129.9	86.0	49.4	17.9	0.0
5°	221.0	172.4	130.7	86.3	49.7	18.0	0.0
2.5°	221.8	172.5	131.2	86.3	49.8	18.1	0.0
0°	222.1	172.2	131.4	86.1	49.9	18.1	0.0
-2.5°	221.8	172.5	131.2	86.3	49.8	18.1	0.0
-5°	221.0	172.4	130.7	86.3	49.7	18.0	0.0
-7.5°	219.6	171.9	129.9	86.0	49.4	17.9	0.0
-10°	217.7	170.9	128.7	85.6	48.9	17.8	0.0
-12.5°	215.3	169.5	127.3	84.9	48.4	17.7	0.0
-15°	212.4	167.6	125.5	84.0	47.7	17.5	0.0
-17.5°	209.1	165.3	123.5	82.8	46.9	17.3	0.0
-20°	205.5	162.5	121.1	81.5	46.1	17.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627265 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.6	159.2	118.6	79.8	45.0	16.7	0.0
-25°	197.1	155.4	115.8	78.0	43.9	16.4	0.0
-27.5°	192.0	151.2	112.7	75.9	42.7	16.1	0.0
-30°	186.4	146.6	109.4	73.5	41.4	15.7	0.0
-32.5°	180.3	141.6	105.8	71.0	39.9	15.3	0.0
-35°	173.8	136.3	101.8	68.2	38.4	14.8	0.0
-37.5°	166.9	130.7	97.6	65.2	36.7	14.4	0.0
-40°	159.6	125.1	93.1	61.9	35.0	13.9	0.0
-42.5°	152.0	119.2	88.3	58.4	33.2	13.3	0.0
-45°	143.9	112.9	83.4	54.7	31.2	12.8	0.0
-47.5°	135.5	106.2	78.3	50.9	29.2	12.2	0.0
-50°	127.0	99.2	72.9	47.5	27.2	11.6	0.0
-52.5°	118.2	91.9	67.3	44.3	25.0	11.0	0.0
-55°	109.0	84.7	61.6	40.9	22.7	10.4	0.0
-57.5°	99.4	77.3	55.7	37.5	20.4	9.7	0.0
-60°	89.6	69.7	49.7	33.9	18.1	9.0	0.0
-62.5°	80.3	61.9	44.8	30.3	16.7	8.4	0.0
-65°	70.8	54.0	39.8	26.5	15.3	7.6	0.0
-67.5°	61.1	46.7	34.8	22.7	13.8	6.9	0.0
-70°	51.2	40.3	29.6	18.8	12.4	6.2	0.0
-72.5°	43.1	33.8	24.4	16.3	10.9	5.4	0.0
-75°	35.2	27.1	19.1	14.0	9.4	4.7	0.0
-77.5°	27.1	20.5	15.6	11.7	7.8	3.9	0.0
-80°	19.1	15.6	12.5	9.4	6.3	3.1	0.0
-82.5°	14.0	11.7	9.4	7.1	4.7	2.4	0.0
-85°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
-87.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)