

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: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-730-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N90  
Light Source: (64) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

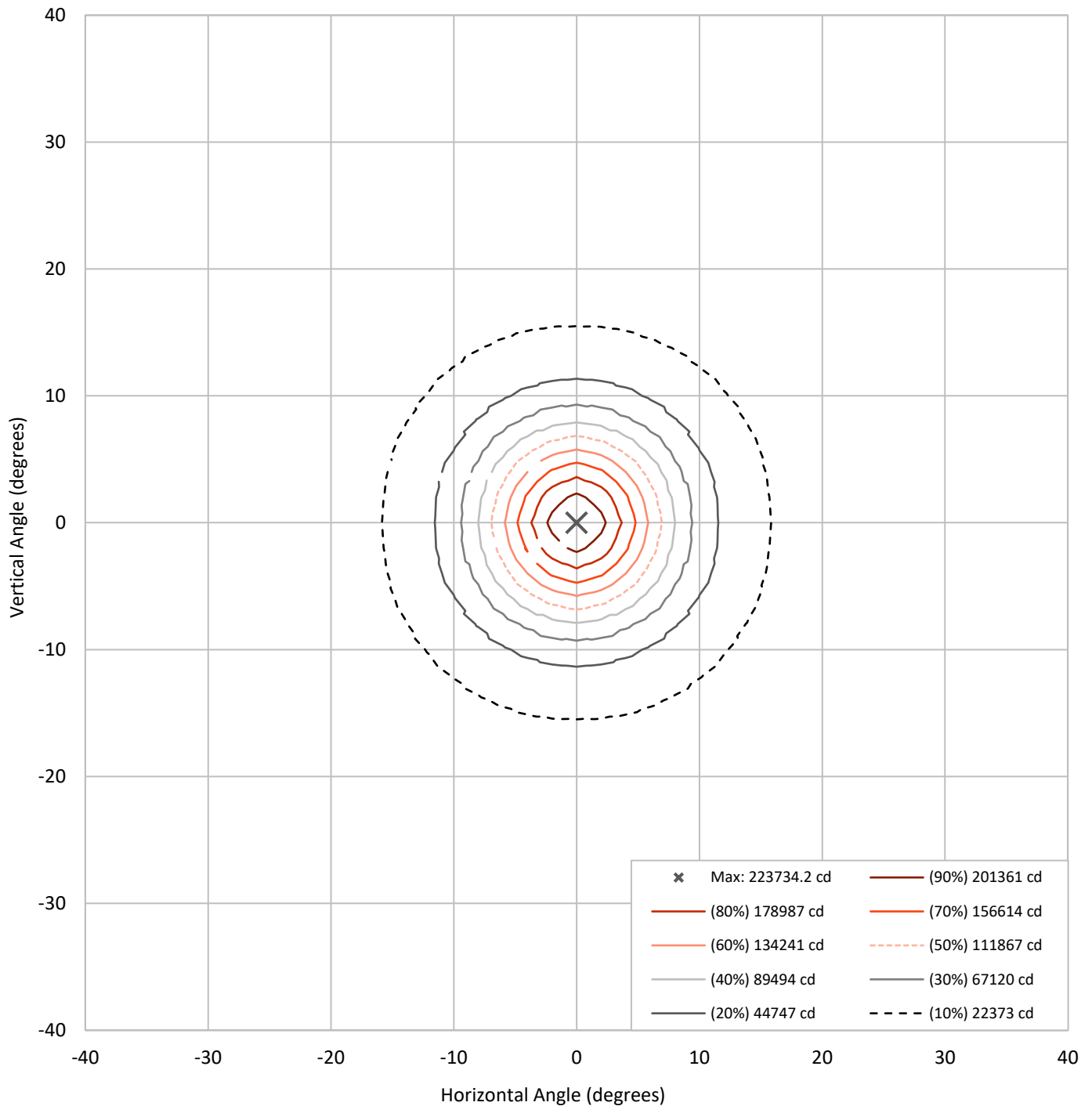
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23757.3 lumens	Max Intensity:	223734.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	7024 lumens	Field Lumens:	15806.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	168.2		
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		



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### Iso-Candela Plot





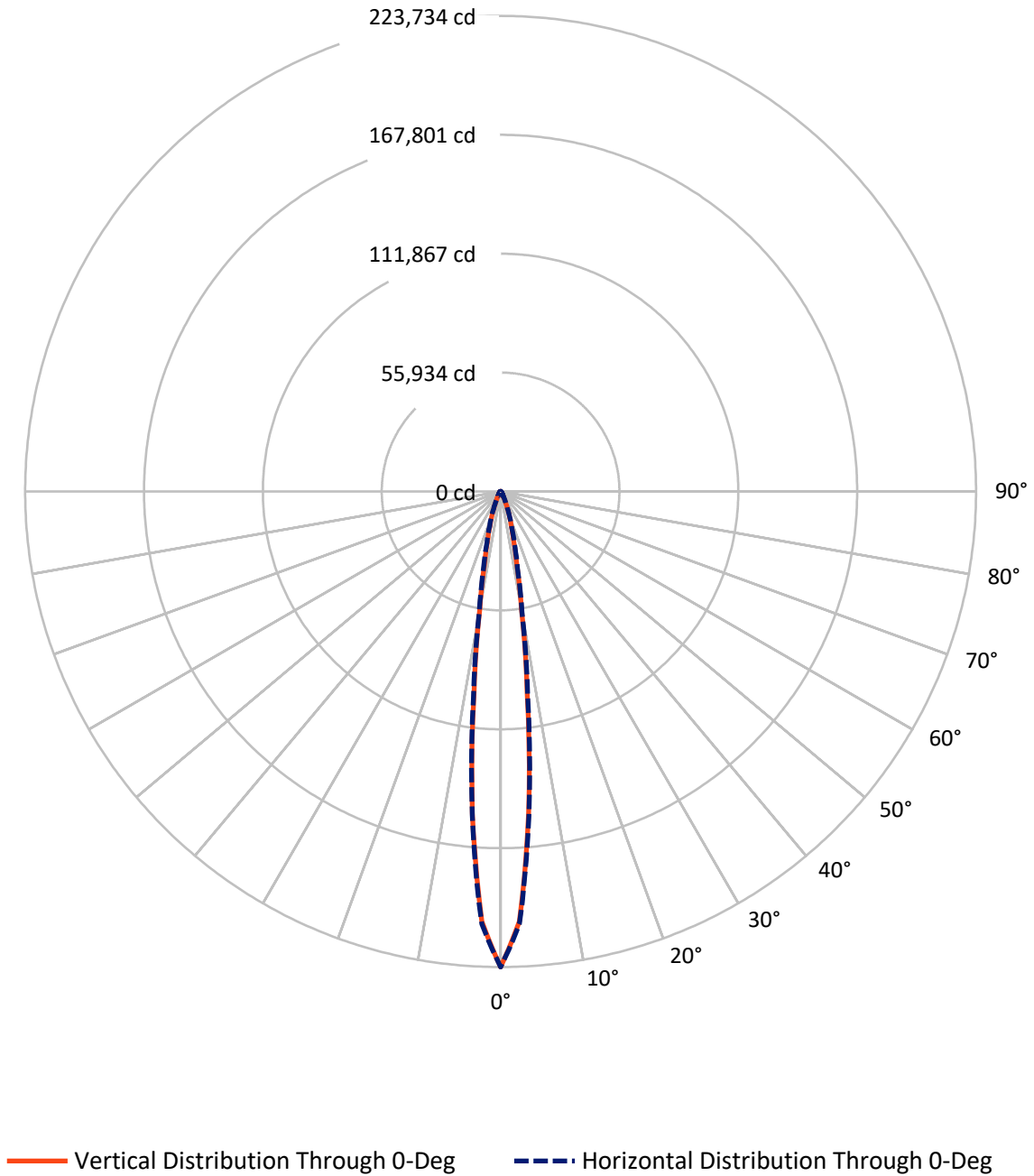
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### Lumen Table

90	0.4	3.3	8.6	13.8	15.1	13.8	8.6	3.3	0.4							
80	0.4	3.3	8.6	13.8	15.1	13.8	8.6	3.3	0.4							
70	1.5	1.7	3.4	5.6	8.0	9.8	11.0	11.5	11.5	11.0	9.8	8.0	5.6	3.4	1.7	1.5
60		2.5	5.2	8.4	11.2	13.7	15.3	16.0	16.0	15.3	13.7	11.2	8.4	5.2	2.5	
50	2.6	3.3	6.7	10.3	13.7	17.3	20.3	21.9	21.9	20.3	17.3	13.7	10.3	6.7	3.3	2.6
40		4.0	7.9	11.9	16.9	24.3	34.2	42.4	42.4	34.2	24.3	16.9	11.9	7.9	4.0	
30	3.4	4.5	8.6	13.4	21.9	43.4	98.8	163.6	163.6	98.8	43.4	21.9	13.4	8.6	4.5	3.4
20		4.8	9.0	14.8	29.0	92.2	327.3	704.9	704.9	327.3	92.2	29.0	14.8	9.0	4.8	
10	3.6	5.0	9.2	15.7	35.1	151.9	711.5	3073.5	3073.5	711.5	151.9	35.1	15.7	9.2	5.0	3.6
0		5.0	9.2	15.7	35.1	151.9	711.5	3073.5	3073.5	711.5	151.9	35.1	15.7	9.2	5.0	
-10	3.4	4.8	9.0	14.8	29.0	92.2	327.3	704.9	704.9	327.3	92.2	29.0	14.8	9.0	4.8	3.4
-20		4.5	8.6	13.4	21.9	43.4	98.8	163.6	163.6	98.8	43.4	21.9	13.4	8.6	4.5	
-30	2.6	4.0	7.9	11.9	16.9	24.3	34.2	42.4	42.4	34.2	24.3	16.9	11.9	7.9	4.0	2.6
-40		3.3	6.7	10.3	13.7	17.3	20.3	21.9	21.9	20.3	17.3	13.7	10.3	6.7	3.3	
-50	1.5	2.5	5.2	8.4	11.2	13.7	15.3	16.0	16.0	15.3	13.7	11.2	8.4	5.2	2.5	1.5
-60		1.7	3.4	5.6	8.0	9.8	11.0	11.5	11.5	11.0	9.8	8.0	5.6	3.4	1.7	
-70	0.4	3.3	8.6	13.8	15.1	13.8	8.6	3.3	0.4							
-80		0.4	3.3	8.6	13.8	15.1	13.8	8.6	3.3	0.4						
-90	0.4	3.3	8.6	13.8	15.1	13.8	8.6	3.3	0.4							

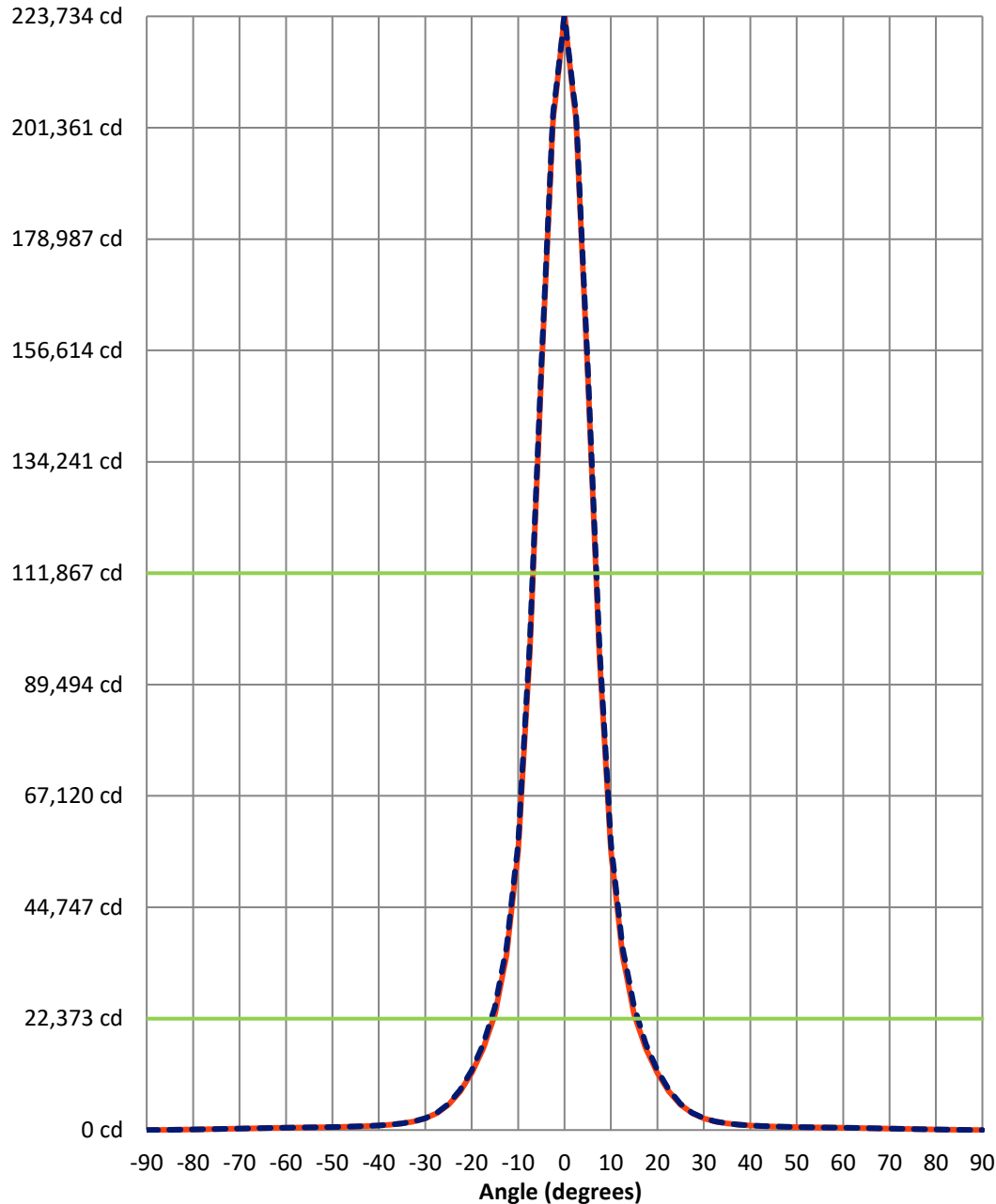
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 7024  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 15806.8  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 7950.5  
 Efficiency: 33.5%

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

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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	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
85°	0.0	1.5	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
82.5°	0.0	2.2	5.0	7.5	10.0	12.4	14.9	17.3	19.9	23.4	26.8
80°	0.0	2.9	6.6	10.0	13.3	16.5	20.1	24.9	29.6	34.2	38.8
77.5°	0.0	3.6	8.3	12.4	16.5	21.2	27.3	33.3	39.2	45.0	51.2
75°	0.0	4.3	9.8	14.9	20.0	27.0	34.5	41.7	49.0	57.1	65.1
72.5°	0.0	5.0	11.4	17.3	24.3	32.6	41.5	50.4	60.0	69.5	78.8
70°	0.0	5.7	12.9	19.8	28.6	38.2	48.5	60.0	71.0	81.8	93.9
67.5°	0.0	6.4	14.4	22.8	32.8	43.6	56.6	69.5	81.8	95.6	109.2
65°	0.0	7.0	15.8	25.8	36.9	49.5	64.5	78.8	93.9	109.2	125.2
62.5°	0.0	7.6	17.2	28.6	40.8	55.9	72.2	88.9	105.8	123.0	143.3
60°	0.0	8.2	18.5	31.4	44.7	62.2	79.7	99.1	117.4	138.6	160.8
57.5°	0.0	8.8	20.3	34.1	49.5	68.3	88.0	109.0	130.2	153.6	177.7
55°	0.0	9.4	22.0	36.7	54.3	74.3	96.1	118.5	142.9	168.0	193.9
52.5°	0.0	9.9	23.6	39.2	58.9	80.2	104.0	128.8	155.1	181.9	209.5
50°	0.0	10.4	25.2	41.6	63.3	86.5	111.7	138.9	166.7	195.1	224.5
47.5°	0.0	10.9	26.8	44.2	67.6	92.7	119.2	148.6	177.8	207.7	239.2
45°	0.0	11.4	28.3	47.2	71.7	98.5	127.2	158.0	188.5	220.6	253.6
42.5°	0.0	11.8	29.7	50.2	75.6	104.2	134.8	166.9	198.7	233.2	267.5
40°	0.0	12.2	31.1	53.0	79.6	109.5	142.1	175.4	208.8	245.3	281.1
37.5°	0.0	12.6	32.4	55.8	83.7	114.6	149.0	183.5	218.8	256.6	294.2
35°	0.0	12.9	33.7	58.4	87.5	119.7	155.5	191.1	228.2	267.3	306.8
32.5°	0.0	13.2	34.9	60.8	91.0	124.8	161.6	198.2	236.8	277.2	317.8
30°	0.0	13.5	36.0	63.1	94.3	129.5	167.3	204.9	244.6	286.5	327.8
27.5°	0.0	13.8	37.1	65.3	97.5	133.9	172.5	211.3	251.9	295.0	336.8
25°	0.0	14.0	38.1	67.2	100.5	137.9	177.3	217.0	258.8	302.5	344.7
22.5°	0.0	14.2	39.0	69.0	103.2	141.4	181.6	222.1	264.9	308.9	351.7
20°	0.0	14.3	39.8	70.6	105.7	144.5	185.5	226.6	270.4	314.5	357.9
17.5°	0.0	14.4	40.6	72.0	107.8	147.2	188.7	230.4	275.2	319.2	363.4
15°	0.0	14.5	41.2	73.2	109.7	149.4	191.3	233.8	279.2	323.0	368.2
12.5°	0.0	14.6	41.8	74.3	111.3	151.1	193.4	236.9	282.6	326.0	372.2
10°	0.0	14.6	42.3	75.2	112.6	152.4	195.0	239.6	285.2	329.2	376.0
7.5°	0.0	14.6	42.6	75.8	113.7	153.3	196.2	241.7	287.0	331.9	380.4
5°	0.0	14.6	42.9	76.3	114.4	153.7	196.8	243.2	287.9	333.8	384.0
2.5°	0.0	14.5	43.0	76.6	114.9	153.7	196.9	244.2	288.1	335.1	386.7
0°	0.0	14.4	43.1	76.7	115.0	153.4	196.5	244.5	287.6	335.5	388.3
-2.5°	0.0	14.5	43.0	76.6	114.9	153.7	196.9	244.2	288.1	335.1	386.7
-5°	0.0	14.6	42.9	76.3	114.4	153.7	196.8	243.2	287.9	333.8	384.0
-7.5°	0.0	14.6	42.6	75.8	113.7	153.3	196.2	241.7	287.0	331.9	380.4
-10°	0.0	14.6	42.3	75.2	112.6	152.4	195.0	239.6	285.2	329.2	376.0
-12.5°	0.0	14.6	41.8	74.3	111.3	151.1	193.4	236.9	282.6	326.0	372.2
-15°	0.0	14.5	41.2	73.2	109.7	149.4	191.3	233.8	279.2	323.0	368.2
-17.5°	0.0	14.4	40.6	72.0	107.8	147.2	188.7	230.4	275.2	319.2	363.4
-20°	0.0	14.3	39.8	70.6	105.7	144.5	185.5	226.6	270.4	314.5	357.9

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.2	39.0	69.0	103.2	141.4	181.6	222.1	264.9	308.9	351.7
-25°	0.0	14.0	38.1	67.2	100.5	137.9	177.3	217.0	258.8	302.5	344.7
-27.5°	0.0	13.8	37.1	65.3	97.5	133.9	172.5	211.3	251.9	295.0	336.8
-30°	0.0	13.5	36.0	63.1	94.3	129.5	167.3	204.9	244.6	286.5	327.8
-32.5°	0.0	13.2	34.9	60.8	91.0	124.8	161.6	198.2	236.8	277.2	317.8
-35°	0.0	12.9	33.7	58.4	87.5	119.7	155.5	191.1	228.2	267.3	306.8
-37.5°	0.0	12.6	32.4	55.8	83.7	114.6	149.0	183.5	218.8	256.6	294.2
-40°	0.0	12.2	31.1	53.0	79.6	109.5	142.1	175.4	208.8	245.3	281.1
-42.5°	0.0	11.8	29.7	50.2	75.6	104.2	134.8	166.9	198.7	233.2	267.5
-45°	0.0	11.4	28.3	47.2	71.7	98.5	127.2	158.0	188.5	220.6	253.6
-47.5°	0.0	10.9	26.8	44.2	67.6	92.7	119.2	148.6	177.8	207.7	239.2
-50°	0.0	10.4	25.2	41.6	63.3	86.5	111.7	138.9	166.7	195.1	224.5
-52.5°	0.0	9.9	23.6	39.2	58.9	80.2	104.0	128.8	155.1	181.9	209.5
-55°	0.0	9.4	22.0	36.7	54.3	74.3	96.1	118.5	142.9	168.0	193.9
-57.5°	0.0	8.8	20.3	34.1	49.5	68.3	88.0	109.0	130.2	153.6	177.7
-60°	0.0	8.2	18.5	31.4	44.7	62.2	79.7	99.1	117.4	138.6	160.8
-62.5°	0.0	7.6	17.2	28.6	40.8	55.9	72.2	88.9	105.8	123.0	143.3
-65°	0.0	7.0	15.8	25.8	36.9	49.5	64.5	78.8	93.9	109.2	125.2
-67.5°	0.0	6.4	14.4	22.8	32.8	43.6	56.6	69.5	81.8	95.6	109.2
-70°	0.0	5.7	12.9	19.8	28.6	38.2	48.5	60.0	71.0	81.8	93.9
-72.5°	0.0	5.0	11.4	17.3	24.3	32.6	41.5	50.4	60.0	69.5	78.8
-75°	0.0	4.3	9.8	14.9	20.0	27.0	34.5	41.7	49.0	57.1	65.1
-77.5°	0.0	3.6	8.3	12.4	16.5	21.2	27.3	33.3	39.2	45.0	51.2
-80°	0.0	2.9	6.6	10.0	13.3	16.5	20.1	24.9	29.6	34.2	38.8
-82.5°	0.0	2.2	5.0	7.5	10.0	12.4	14.9	17.3	19.9	23.4	26.8
-85°	0.0	1.5	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
-87.5°	0.0	0.7	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	8.9	9.6	10.3	11.0	11.7	12.3	13.0	13.6	14.2	14.7	15.2
85°	17.7	19.2	21.3	23.4	25.2	26.7	28.0	29.1	31.1	33.1	35.3
82.5°	30.2	33.5	36.7	39.8	41.9	43.6	45.3	47.7	52.0	56.1	59.8
80°	43.3	47.7	52.7	57.5	61.7	65.9	70.2	74.7	79.3	83.7	87.9
77.5°	57.8	64.2	70.5	76.5	82.6	89.1	95.4	101.5	107.3	112.8	118.1
75°	72.9	80.6	89.1	97.4	105.5	113.3	121.0	129.2	137.1	144.6	151.8
72.5°	88.9	99.1	109.0	118.8	129.3	139.6	149.5	159.1	168.5	178.2	188.5
70°	105.8	117.4	130.4	142.9	154.7	167.0	179.2	189.8	199.9	213.3	227.1
67.5°	123.2	139.0	153.7	167.7	183.4	197.8	210.3	223.8	238.1	253.7	267.3
65°	143.8	160.9	178.0	195.7	213.8	228.8	244.5	261.1	277.4	292.9	307.7
62.5°	164.1	183.4	203.0	222.3	240.9	259.0	277.9	296.5	314.4	332.4	348.3
60°	183.6	205.5	226.2	246.4	267.5	289.9	311.0	331.5	352.9	373.3	384.0
57.5°	202.4	225.9	247.5	270.2	295.0	320.3	342.3	365.6	384.0	398.2	412.0
55°	220.2	244.6	268.3	293.8	320.7	347.0	371.5	392.3	409.2	422.2	436.8
52.5°	236.8	262.5	288.3	316.2	344.7	372.8	398.4	417.9	433.1	446.4	460.2
50°	253.1	280.1	307.4	337.9	368.5	398.4	423.5	441.3	455.7	469.4	483.5
47.5°	269.2	297.5	326.8	359.4	392.5	421.4	445.2	461.5	476.0	492.0	507.5
45°	284.9	315.5	346.6	381.6	414.9	442.7	462.9	479.3	497.2	514.4	531.0
42.5°	300.2	333.3	367.0	403.3	435.4	460.5	479.4	498.6	518.0	536.4	555.1
40°	315.7	350.3	386.1	422.2	454.5	476.1	496.2	516.9	538.2	558.2	578.9
37.5°	330.5	366.4	403.3	439.7	469.1	491.0	511.8	534.7	557.2	579.0	606.0
35°	344.6	381.0	418.2	453.5	481.7	504.4	527.7	551.8	575.3	603.6	634.4
32.5°	357.2	394.2	431.8	464.7	492.3	516.9	542.9	568.1	596.4	628.4	665.3
30°	367.9	405.7	443.5	475.5	502.6	528.5	556.8	584.5	617.7	656.1	700.0
27.5°	377.2	416.0	452.7	484.8	512.3	538.1	567.9	602.9	640.9	684.1	735.6
25°	386.0	426.4	461.5	493.3	520.1	547.1	578.9	617.7	663.4	715.3	778.5
22.5°	394.2	436.4	470.4	501.4	526.2	555.3	591.2	633.4	683.1	743.9	820.8
20°	402.1	443.9	477.5	507.7	530.8	562.5	602.0	647.1	703.5	776.1	865.0
17.5°	409.3	450.3	483.0	511.5	536.8	570.1	611.6	658.2	721.3	805.4	905.7
15°	415.9	455.7	487.5	514.5	542.1	578.2	621.5	672.0	741.0	833.2	941.6
12.5°	421.7	460.0	490.9	516.9	546.4	584.8	630.4	686.4	762.1	860.6	987.3
10°	426.7	463.3	493.3	518.5	549.6	589.8	637.7	698.1	779.0	881.8	1022.4
7.5°	430.9	466.0	494.9	519.4	551.7	593.3	643.5	707.1	790.8	896.9	1047.8
5°	433.9	468.1	496.9	522.4	555.0	596.1	647.7	713.2	797.7	905.9	1063.5
2.5°	435.6	469.4	498.1	525.2	558.4	598.5	650.8	719.9	803.3	914.6	1075.5
0°	436.2	469.8	498.5	527.3	560.8	599.2	651.9	723.8	805.3	920.4	1083.3
-2.5°	435.6	469.4	498.1	525.2	558.4	598.5	650.8	719.9	803.3	914.6	1075.5
-5°	433.9	468.1	496.9	522.4	555.0	596.1	647.7	713.2	797.7	905.9	1063.5
-7.5°	430.9	466.0	494.9	519.4	551.7	593.3	643.5	707.1	790.8	896.9	1047.8
-10°	426.7	463.3	493.3	518.5	549.6	589.8	637.7	698.1	779.0	881.8	1022.4
-12.5°	421.7	460.0	490.9	516.9	546.4	584.8	630.4	686.4	762.1	860.6	987.3
-15°	415.9	455.7	487.5	514.5	542.1	578.2	621.5	672.0	741.0	833.2	941.6
-17.5°	409.3	450.3	483.0	511.5	536.8	570.1	611.6	658.2	721.3	805.4	905.7
-20°	402.1	443.9	477.5	507.7	530.8	562.5	602.0	647.1	703.5	776.1	865.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	394.2	436.4	470.4	501.4	526.2	555.3	591.2	633.4	683.1	743.9	820.8
-25°	386.0	426.4	461.5	493.3	520.1	547.1	578.9	617.7	663.4	715.3	778.5
-27.5°	377.2	416.0	452.7	484.8	512.3	538.1	567.9	602.9	640.9	684.1	735.6
-30°	367.9	405.7	443.5	475.5	502.6	528.5	556.8	584.5	617.7	656.1	700.0
-32.5°	357.2	394.2	431.8	464.7	492.3	516.9	542.9	568.1	596.4	628.4	665.3
-35°	344.6	381.0	418.2	453.5	481.7	504.4	527.7	551.8	575.3	603.6	634.4
-37.5°	330.5	366.4	403.3	439.7	469.1	491.0	511.8	534.7	557.2	579.0	606.0
-40°	315.7	350.3	386.1	422.2	454.5	476.1	496.2	516.9	538.2	558.2	578.9
-42.5°	300.2	333.3	367.0	403.3	435.4	460.5	479.4	498.6	518.0	536.4	555.1
-45°	284.9	315.5	346.6	381.6	414.9	442.7	462.9	479.3	497.2	514.4	531.0
-47.5°	269.2	297.5	326.8	359.4	392.5	421.4	445.2	461.5	476.0	492.0	507.5
-50°	253.1	280.1	307.4	337.9	368.5	398.4	423.5	441.3	455.7	469.4	483.5
-52.5°	236.8	262.5	288.3	316.2	344.7	372.8	398.4	417.9	433.1	446.4	460.2
-55°	220.2	244.6	268.3	293.8	320.7	347.0	371.5	392.3	409.2	422.2	436.8
-57.5°	202.4	225.9	247.5	270.2	295.0	320.3	342.3	365.6	384.0	398.2	412.0
-60°	183.6	205.5	226.2	246.4	267.5	289.9	311.0	331.5	352.9	373.3	384.0
-62.5°	164.1	183.4	203.0	222.3	240.9	259.0	277.9	296.5	314.4	332.4	348.3
-65°	143.8	160.9	178.0	195.7	213.8	228.8	244.5	261.1	277.4	292.9	307.7
-67.5°	123.2	139.0	153.7	167.7	183.4	197.8	210.3	223.8	238.1	253.7	267.3
-70°	105.8	117.4	130.4	142.9	154.7	167.0	179.2	189.8	199.9	213.3	227.1
-72.5°	88.9	99.1	109.0	118.8	129.3	139.6	149.5	159.1	168.5	178.2	188.5
-75°	72.9	80.6	89.1	97.4	105.5	113.3	121.0	129.2	137.1	144.6	151.8
-77.5°	57.8	64.2	70.5	76.5	82.6	89.1	95.4	101.5	107.3	112.8	118.1
-80°	43.3	47.7	52.7	57.5	61.7	65.9	70.2	74.7	79.3	83.7	87.9
-82.5°	30.2	33.5	36.7	39.8	41.9	43.6	45.3	47.7	52.0	56.1	59.8
-85°	17.7	19.2	21.3	23.4	25.2	26.7	28.0	29.1	31.1	33.1	35.3
-87.5°	8.9	9.6	10.3	11.0	11.7	12.3	13.0	13.6	14.2	14.7	15.2
-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: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-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°	15.7	16.2	16.6	17.0	17.4	17.7	18.0	18.3	18.5	17.6	16.5
85°	37.5	38.9	40.2	41.4	42.5	43.5	44.4	45.2	45.9	45.4	44.6
82.5°	63.1	65.6	67.9	70.1	72.0	73.8	75.4	76.8	78.0	77.9	77.6
80°	91.9	96.0	100.1	104.2	108.2	110.6	112.4	113.7	114.6	115.0	115.1
77.5°	123.5	129.8	136.5	143.0	149.4	153.1	155.7	157.9	159.7	160.0	159.7
75°	158.5	166.7	175.8	183.7	190.6	194.7	197.7	200.1	202.1	202.6	202.4
72.5°	199.2	209.3	217.5	224.1	229.9	234.5	238.2	241.3	243.8	244.9	245.0
70°	239.2	249.2	257.0	263.8	269.5	274.2	278.6	282.3	285.4	287.7	289.4
67.5°	279.8	291.3	299.2	305.4	310.2	315.1	320.9	326.0	330.2	333.1	334.5
65°	321.5	333.3	340.9	347.6	353.5	359.8	366.3	371.1	374.2	376.2	377.5
62.5°	361.8	372.8	382.4	391.4	399.9	407.1	411.5	415.5	418.9	421.8	423.9
60°	396.5	410.5	421.2	429.8	438.2	446.3	451.7	456.0	459.5	462.0	463.5
57.5°	426.0	440.3	453.0	461.3	470.4	480.0	486.4	490.0	493.4	496.3	497.6
55°	451.9	465.1	476.8	488.1	498.3	507.0	513.7	518.6	522.8	526.1	527.2
52.5°	475.2	489.5	503.2	515.3	525.3	533.6	540.3	546.4	551.0	554.2	555.6
50°	499.6	515.0	529.8	542.9	553.2	562.5	570.8	578.0	584.9	590.4	594.3
47.5°	523.6	540.1	556.3	570.8	583.1	596.6	608.8	619.0	629.1	637.2	642.8
45°	547.9	566.9	584.5	603.2	619.9	637.6	654.1	668.2	682.7	693.7	701.1
42.5°	574.7	596.4	617.7	640.9	663.7	686.7	711.6	733.8	751.0	767.1	780.1
40°	603.6	628.4	656.1	684.6	718.2	748.6	782.0	810.8	836.7	864.2	886.0
37.5°	634.4	665.3	701.7	739.9	783.3	824.9	868.6	911.5	949.0	993.2	1026.9
35°	668.4	709.7	754.5	806.2	860.2	919.8	979.6	1048.6	1108.1	1173.4	1230.4
32.5°	708.6	757.9	816.8	884.9	954.3	1044.8	1129.3	1239.2	1334.2	1438.0	1542.5
30°	750.1	814.5	890.4	976.2	1086.5	1211.0	1349.7	1513.2	1681.8	1844.9	2041.7
27.5°	801.4	879.1	971.0	1096.4	1258.8	1426.9	1665.4	1910.9	2220.9	2477.2	2838.6
25°	854.7	946.1	1076.8	1247.4	1459.2	1751.1	2113.1	2505.4	3050.7	3529.7	4091.5
22.5°	912.7	1036.2	1198.8	1409.2	1730.5	2178.6	2726.6	3465.2	4269.5	5123.3	5972.7
20°	973.1	1122.5	1335.6	1640.7	2081.5	2688.4	3629.2	4769.4	5918.4	7327.3	8574.8
17.5°	1043.2	1233.3	1495.9	1877.4	2465.7	3395.3	4700.5	6292.2	8074.7	10100.5	11899.0
15°	1101.5	1328.2	1659.7	2193.5	3002.5	4196.3	5842.3	8032.0	10710.6	13431.2	16191.3
12.5°	1169.2	1431.4	1820.7	2457.3	3473.3	5059.9	7300.4	10071.9	13417.2	17190.8	21639.3
10°	1229.3	1532.9	2016.8	2804.6	4046.3	5960.5	8679.7	12014.0	16331.1	21760.5	28649.4
7.5°	1273.9	1613.5	2168.1	3069.0	4541.7	6826.5	9982.9	14140.7	19626.3	26795.8	36250.3
5°	1302.8	1671.9	2275.1	3273.0	4929.5	7470.9	10937.9	15649.1	22267.1	32407.0	48417.1
2.5°	1320.1	1706.5	2336.2	3392.7	5165.3	7897.9	11664.6	16789.7	23978.5	35874.8	56242.6
0°	1327.8	1716.1	2372.8	3456.2	5244.1	8062.8	11998.3	17309.5	24744.3	36685.0	57618.5
-2.5°	1320.1	1706.5	2336.2	3392.7	5165.3	7897.9	11664.6	16789.7	23978.5	35874.8	56242.6
-5°	1302.8	1671.9	2275.1	3273.0	4929.5	7470.9	10937.9	15649.1	22267.1	32407.0	48417.1
-7.5°	1273.9	1613.5	2168.1	3069.0	4541.7	6826.5	9982.9	14140.7	19626.3	26795.8	36250.3
-10°	1229.3	1532.9	2016.8	2804.6	4046.3	5960.5	8679.7	12014.0	16331.1	21760.5	28649.4
-12.5°	1169.2	1431.4	1820.7	2457.3	3473.3	5059.9	7300.4	10071.9	13417.2	17190.8	21639.3
-15°	1101.5	1328.2	1659.7	2193.5	3002.5	4196.3	5842.3	8032.0	10710.6	13431.2	16191.3
-17.5°	1043.2	1233.3	1495.9	1877.4	2465.7	3395.3	4700.5	6292.2	8074.7	10100.5	11899.0
-20°	973.1	1122.5	1335.6	1640.7	2081.5	2688.4	3629.2	4769.4	5918.4	7327.3	8574.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	912.7	1036.2	1198.8	1409.2	1730.5	2178.6	2726.6	3465.2	4269.5	5123.3	5972.7
-25°	854.7	946.1	1076.8	1247.4	1459.2	1751.1	2113.1	2505.4	3050.7	3529.7	4091.5
-27.5°	801.4	879.1	971.0	1096.4	1258.8	1426.9	1665.4	1910.9	2220.9	2477.2	2838.6
-30°	750.1	814.5	890.4	976.2	1086.5	1211.0	1349.7	1513.2	1681.8	1844.9	2041.7
-32.5°	708.6	757.9	816.8	884.9	954.3	1044.8	1129.3	1239.2	1334.2	1438.0	1542.5
-35°	668.4	709.7	754.5	806.2	860.2	919.8	979.6	1048.6	1108.1	1173.4	1230.4
-37.5°	634.4	665.3	701.7	739.9	783.3	824.9	868.6	911.5	949.0	993.2	1026.9
-40°	603.6	628.4	656.1	684.6	718.2	748.6	782.0	810.8	836.7	864.2	886.0
-42.5°	574.7	596.4	617.7	640.9	663.7	686.7	711.6	733.8	751.0	767.1	780.1
-45°	547.9	566.9	584.5	603.2	619.9	637.6	654.1	668.2	682.7	693.7	701.1
-47.5°	523.6	540.1	556.3	570.8	583.1	596.6	608.8	619.0	629.1	637.2	642.8
-50°	499.6	515.0	529.8	542.9	553.2	562.5	570.8	578.0	584.9	590.4	594.3
-52.5°	475.2	489.5	503.2	515.3	525.3	533.6	540.3	546.4	551.0	554.2	555.6
-55°	451.9	465.1	476.8	488.1	498.3	507.0	513.7	518.6	522.8	526.1	527.2
-57.5°	426.0	440.3	453.0	461.3	470.4	480.0	486.4	490.0	493.4	496.3	497.6
-60°	396.5	410.5	421.2	429.8	438.2	446.3	451.7	456.0	459.5	462.0	463.5
-62.5°	361.8	372.8	382.4	391.4	399.9	407.1	411.5	415.5	418.9	421.8	423.9
-65°	321.5	333.3	340.9	347.6	353.5	359.8	366.3	371.1	374.2	376.2	377.5
-67.5°	279.8	291.3	299.2	305.4	310.2	315.1	320.9	326.0	330.2	333.1	334.5
-70°	239.2	249.2	257.0	263.8	269.5	274.2	278.6	282.3	285.4	287.7	289.4
-72.5°	199.2	209.3	217.5	224.1	229.9	234.5	238.2	241.3	243.8	244.9	245.0
-75°	158.5	166.7	175.8	183.7	190.6	194.7	197.7	200.1	202.1	202.6	202.4
-77.5°	123.5	129.8	136.5	143.0	149.4	153.1	155.7	157.9	159.7	160.0	159.7
-80°	91.9	96.0	100.1	104.2	108.2	110.6	112.4	113.7	114.6	115.0	115.1
-82.5°	63.1	65.6	67.9	70.1	72.0	73.8	75.4	76.8	78.0	77.9	77.6
-85°	37.5	38.9	40.2	41.4	42.5	43.5	44.4	45.2	45.9	45.4	44.6
-87.5°	15.7	16.2	16.6	17.0	17.4	17.7	18.0	18.3	18.5	17.6	16.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-NR-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°	15.5	14.3	14.4	14.4	14.4	14.3	15.5	16.5	17.6	18.5	18.3
85°	43.8	42.9	43.0	43.1	43.0	42.9	43.8	44.6	45.4	45.9	45.2
82.5°	77.1	76.3	76.6	76.7	76.6	76.3	77.1	77.6	77.9	78.0	76.8
80°	114.9	114.4	112.5	110.3	112.5	114.4	114.9	115.1	115.0	114.6	113.7
77.5°	158.8	157.5	155.6	153.4	155.6	157.5	158.8	159.7	160.0	159.7	157.9
75°	201.7	200.5	201.0	201.3	201.0	200.5	201.7	202.4	202.6	202.1	200.1
72.5°	244.6	243.5	244.2	244.5	244.2	243.5	244.6	245.0	244.9	243.8	241.3
70°	290.5	291.0	289.8	287.6	289.8	291.0	290.5	289.4	287.7	285.4	282.3
67.5°	334.9	334.3	333.0	330.8	333.0	334.3	334.9	334.5	333.1	330.2	326.0
65°	377.9	377.4	378.2	378.7	378.2	377.4	377.9	377.5	376.2	374.2	371.1
62.5°	425.0	425.0	424.0	421.8	424.0	425.0	425.0	423.9	421.8	418.9	415.5
60°	464.2	463.8	462.5	460.2	462.5	463.8	464.2	463.5	462.0	459.5	456.0
57.5°	498.0	497.5	496.1	493.7	496.1	497.5	498.0	497.6	496.3	493.4	490.0
55°	527.3	526.6	525.0	522.5	525.0	526.6	527.3	527.2	526.1	522.8	518.6
52.5°	556.0	555.4	555.6	556.1	555.6	555.4	556.0	555.6	554.2	551.0	546.4
50°	596.7	597.5	596.8	594.4	596.8	597.5	596.7	594.3	590.4	584.9	578.0
47.5°	645.5	645.8	644.6	642.3	644.6	645.8	645.5	642.8	637.2	629.1	619.0
45°	706.9	710.4	711.3	709.4	711.3	710.4	706.9	701.1	693.7	682.7	668.2
42.5°	790.2	795.6	797.2	795.7	797.2	795.6	790.2	780.1	767.1	751.0	733.8
40°	899.4	905.7	906.9	906.0	906.9	905.7	899.4	886.0	864.2	836.7	810.8
37.5°	1050.6	1065.8	1072.9	1073.8	1072.9	1065.8	1050.6	1026.9	993.2	949.0	911.5
35°	1273.8	1303.9	1320.0	1327.8	1320.0	1303.9	1273.8	1230.4	1173.4	1108.1	1048.6
32.5°	1621.7	1682.0	1715.4	1711.3	1715.4	1682.0	1621.7	1542.5	1438.0	1334.2	1239.2
30°	2190.0	2295.4	2348.5	2334.5	2348.5	2295.4	2190.0	2041.7	1844.9	1681.8	1513.2
27.5°	3098.1	3288.6	3398.8	3384.2	3398.8	3288.6	3098.1	2838.6	2477.2	2220.9	1910.9
25°	4561.2	4908.9	5131.5	5076.4	5131.5	4908.9	4561.2	4091.5	3529.7	3050.7	2505.4
22.5°	6786.9	7375.9	7765.7	7717.6	7765.7	7375.9	6786.9	5972.7	5123.3	4269.5	3465.2
20°	9839.9	10736.4	11376.6	11461.4	11376.6	10736.4	9839.9	8574.8	7327.3	5918.4	4769.4
17.5°	13841.8	15263.3	16252.8	16417.9	16252.8	15263.3	13841.8	11899.0	10100.5	8074.7	6292.2
15°	19042.8	21366.2	23047.6	23186.4	23047.6	21366.2	19042.8	16191.3	13431.2	10710.6	8032.0
12.5°	26105.1	30777.9	33827.6	35170.3	33827.6	30777.9	26105.1	21639.3	17190.8	13417.2	10071.9
10°	35878.8	46612.2	53486.0	56070.2	53486.0	46612.2	35878.8	28649.4	21760.5	16331.1	12014.0
7.5°	52203.9	69055.6	87790.3	95775.2	87790.3	69055.6	52203.9	36250.3	26795.8	19626.3	14140.7
5°	70690.7	105664.9	138931.4	151922.0	138931.4	105664.9	70690.7	48417.1	32407.0	22267.1	15649.1
2.5°	90143.7	138892.5	184573.9	202438.9	184573.9	138892.5	90143.7	56242.6	35874.8	23978.5	16789.7
0°	97740.5	153441.6	203702.0	223734.2	203702.0	153441.6	97740.5	57618.5	36685.0	24744.3	17309.5
-2.5°	90143.7	138892.5	184573.9	202438.9	184573.9	138892.5	90143.7	56242.6	35874.8	23978.5	16789.7
-5°	70690.7	105664.9	138931.4	151922.0	138931.4	105664.9	70690.7	48417.1	32407.0	22267.1	15649.1
-7.5°	52203.9	69055.6	87790.3	95775.2	87790.3	69055.6	52203.9	36250.3	26795.8	19626.3	14140.7
-10°	35878.8	46612.2	53486.0	56070.2	53486.0	46612.2	35878.8	28649.4	21760.5	16331.1	12014.0
-12.5°	26105.1	30777.9	33827.6	35170.3	33827.6	30777.9	26105.1	21639.3	17190.8	13417.2	10071.9
-15°	19042.8	21366.2	23047.6	23186.4	23047.6	21366.2	19042.8	16191.3	13431.2	10710.6	8032.0
-17.5°	13841.8	15263.3	16252.8	16417.9	16252.8	15263.3	13841.8	11899.0	10100.5	8074.7	6292.2
-20°	9839.9	10736.4	11376.6	11461.4	11376.6	10736.4	9839.9	8574.8	7327.3	5918.4	4769.4



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6786.9	7375.9	7765.7	7717.6	7765.7	7375.9	6786.9	5972.7	5123.3	4269.5	3465.2
-25°	4561.2	4908.9	5131.5	5076.4	5131.5	4908.9	4561.2	4091.5	3529.7	3050.7	2505.4
-27.5°	3098.1	3288.6	3398.8	3384.2	3398.8	3288.6	3098.1	2838.6	2477.2	2220.9	1910.9
-30°	2190.0	2295.4	2348.5	2334.5	2348.5	2295.4	2190.0	2041.7	1844.9	1681.8	1513.2
-32.5°	1621.7	1682.0	1715.4	1711.3	1715.4	1682.0	1621.7	1542.5	1438.0	1334.2	1239.2
-35°	1273.8	1303.9	1320.0	1327.8	1320.0	1303.9	1273.8	1230.4	1173.4	1108.1	1048.6
-37.5°	1050.6	1065.8	1072.9	1073.8	1072.9	1065.8	1050.6	1026.9	993.2	949.0	911.5
-40°	899.4	905.7	906.9	906.0	906.9	905.7	899.4	886.0	864.2	836.7	810.8
-42.5°	790.2	795.6	797.2	795.7	797.2	795.6	790.2	780.1	767.1	751.0	733.8
-45°	706.9	710.4	711.3	709.4	711.3	710.4	706.9	701.1	693.7	682.7	668.2
-47.5°	645.5	645.8	644.6	642.3	644.6	645.8	645.5	642.8	637.2	629.1	619.0
-50°	596.7	597.5	596.8	594.4	596.8	597.5	596.7	594.3	590.4	584.9	578.0
-52.5°	556.0	555.4	555.6	556.1	555.6	555.4	556.0	555.6	554.2	551.0	546.4
-55°	527.3	526.6	525.0	522.5	525.0	526.6	527.3	527.2	526.1	522.8	518.6
-57.5°	498.0	497.5	496.1	493.7	496.1	497.5	498.0	497.6	496.3	493.4	490.0
-60°	464.2	463.8	462.5	460.2	462.5	463.8	464.2	463.5	462.0	459.5	456.0
-62.5°	425.0	425.0	424.0	421.8	424.0	425.0	425.0	423.9	421.8	418.9	415.5
-65°	377.9	377.4	378.2	378.7	378.2	377.4	377.9	377.5	376.2	374.2	371.1
-67.5°	334.9	334.3	333.0	330.8	333.0	334.3	334.9	334.5	333.1	330.2	326.0
-70°	290.5	291.0	289.8	287.6	289.8	291.0	290.5	289.4	287.7	285.4	282.3
-72.5°	244.6	243.5	244.2	244.5	244.2	243.5	244.6	245.0	244.9	243.8	241.3
-75°	201.7	200.5	201.0	201.3	201.0	200.5	201.7	202.4	202.6	202.1	200.1
-77.5°	158.8	157.5	155.6	153.4	155.6	157.5	158.8	159.7	160.0	159.7	157.9
-80°	114.9	114.4	112.5	110.3	112.5	114.4	114.9	115.1	115.0	114.6	113.7
-82.5°	77.1	76.3	76.6	76.7	76.6	76.3	77.1	77.6	77.9	78.0	76.8
-85°	43.8	42.9	43.0	43.1	43.0	42.9	43.8	44.6	45.4	45.9	45.2
-87.5°	15.5	14.3	14.4	14.4	14.4	14.3	15.5	16.5	17.6	18.5	18.3
-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: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-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°	18.0	17.7	17.4	17.0	16.6	16.2	15.7	15.2	14.7	14.2	13.6
85°	44.4	43.5	42.5	41.4	40.2	38.9	37.5	35.3	33.1	31.1	29.1
82.5°	75.4	73.8	72.0	70.1	67.9	65.6	63.1	59.8	56.1	52.0	47.7
80°	112.4	110.6	108.2	104.2	100.1	96.0	91.9	87.9	83.7	79.3	74.7
77.5°	155.7	153.1	149.4	143.0	136.5	129.8	123.5	118.1	112.8	107.3	101.5
75°	197.7	194.7	190.6	183.7	175.8	166.7	158.5	151.8	144.6	137.1	129.2
72.5°	238.2	234.5	229.9	224.1	217.5	209.3	199.2	188.5	178.2	168.5	159.1
70°	278.6	274.2	269.5	263.8	257.0	249.2	239.2	227.1	213.3	199.9	189.8
67.5°	320.9	315.1	310.2	305.4	299.2	291.3	279.8	267.3	253.7	238.1	223.8
65°	366.3	359.8	353.5	347.6	340.9	333.3	321.5	307.7	292.9	277.4	261.1
62.5°	411.5	407.1	399.9	391.4	382.4	372.8	361.8	348.3	332.4	314.4	296.5
60°	451.7	446.3	438.2	429.8	421.2	410.5	396.5	384.0	373.3	352.9	331.5
57.5°	486.4	480.0	470.4	461.3	453.0	440.3	426.0	412.0	398.2	384.0	365.6
55°	513.7	507.0	498.3	488.1	476.8	465.1	451.9	436.8	422.2	409.2	392.3
52.5°	540.3	533.6	525.3	515.3	503.2	489.5	475.2	460.2	446.4	433.1	417.9
50°	570.8	562.5	553.2	542.9	529.8	515.0	499.6	483.5	469.4	455.7	441.3
47.5°	608.8	596.6	583.1	570.8	556.3	540.1	523.6	507.5	492.0	476.0	461.5
45°	654.1	637.6	619.9	603.2	584.5	566.9	547.9	531.0	514.4	497.2	479.3
42.5°	711.6	686.7	663.7	640.9	617.7	596.4	574.7	555.1	536.4	518.0	498.6
40°	782.0	748.6	718.2	684.6	656.1	628.4	603.6	578.9	558.2	538.2	516.9
37.5°	868.6	824.9	783.3	739.9	701.7	665.3	634.4	606.0	579.0	557.2	534.7
35°	979.6	919.8	860.2	806.2	754.5	709.7	668.4	634.4	603.6	575.3	551.8
32.5°	1129.3	1044.8	954.3	884.9	816.8	757.9	708.6	665.3	628.4	596.4	568.1
30°	1349.7	1211.0	1086.5	976.2	890.4	814.5	750.1	700.0	656.1	617.7	584.5
27.5°	1665.4	1426.9	1258.8	1096.4	971.0	879.1	801.4	735.6	684.1	640.9	602.9
25°	2113.1	1751.1	1459.2	1247.4	1076.8	946.1	854.7	778.5	715.3	663.4	617.7
22.5°	2726.6	2178.6	1730.5	1409.2	1198.8	1036.2	912.7	820.8	743.9	683.1	633.4
20°	3629.2	2688.4	2081.5	1640.7	1335.6	1122.5	973.1	865.0	776.1	703.5	647.1
17.5°	4700.5	3395.3	2465.7	1877.4	1495.9	1233.3	1043.2	905.7	805.4	721.3	658.2
15°	5842.3	4196.3	3002.5	2193.5	1659.7	1328.2	1101.5	941.6	833.2	741.0	672.0
12.5°	7300.4	5059.9	3473.3	2457.3	1820.7	1431.4	1169.2	987.3	860.6	762.1	686.4
10°	8679.7	5960.5	4046.3	2804.6	2016.8	1532.9	1229.3	1022.4	881.8	779.0	698.1
7.5°	9982.9	6826.5	4541.7	3069.0	2168.1	1613.5	1273.9	1047.8	896.9	790.8	707.1
5°	10937.9	7470.9	4929.5	3273.0	2275.1	1671.9	1302.8	1063.5	905.9	797.7	713.2
2.5°	11664.6	7897.9	5165.3	3392.7	2336.2	1706.5	1320.1	1075.5	914.6	803.3	719.9
0°	11998.3	8062.8	5244.1	3456.2	2372.8	1716.1	1327.8	1083.3	920.4	805.3	723.8
-2.5°	11664.6	7897.9	5165.3	3392.7	2336.2	1706.5	1320.1	1075.5	914.6	803.3	719.9
-5°	10937.9	7470.9	4929.5	3273.0	2275.1	1671.9	1302.8	1063.5	905.9	797.7	713.2
-7.5°	9982.9	6826.5	4541.7	3069.0	2168.1	1613.5	1273.9	1047.8	896.9	790.8	707.1
-10°	8679.7	5960.5	4046.3	2804.6	2016.8	1532.9	1229.3	1022.4	881.8	779.0	698.1
-12.5°	7300.4	5059.9	3473.3	2457.3	1820.7	1431.4	1169.2	987.3	860.6	762.1	686.4
-15°	5842.3	4196.3	3002.5	2193.5	1659.7	1328.2	1101.5	941.6	833.2	741.0	672.0
-17.5°	4700.5	3395.3	2465.7	1877.4	1495.9	1233.3	1043.2	905.7	805.4	721.3	658.2
-20°	3629.2	2688.4	2081.5	1640.7	1335.6	1122.5	973.1	865.0	776.1	703.5	647.1



Classified

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

Scaled Data Report



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2726.6	2178.6	1730.5	1409.2	1198.8	1036.2	912.7	820.8	743.9	683.1	633.4
-25°	2113.1	1751.1	1459.2	1247.4	1076.8	946.1	854.7	778.5	715.3	663.4	617.7
-27.5°	1665.4	1426.9	1258.8	1096.4	971.0	879.1	801.4	735.6	684.1	640.9	602.9
-30°	1349.7	1211.0	1086.5	976.2	890.4	814.5	750.1	700.0	656.1	617.7	584.5
-32.5°	1129.3	1044.8	954.3	884.9	816.8	757.9	708.6	665.3	628.4	596.4	568.1
-35°	979.6	919.8	860.2	806.2	754.5	709.7	668.4	634.4	603.6	575.3	551.8
-37.5°	868.6	824.9	783.3	739.9	701.7	665.3	634.4	606.0	579.0	557.2	534.7
-40°	782.0	748.6	718.2	684.6	656.1	628.4	603.6	578.9	558.2	538.2	516.9
-42.5°	711.6	686.7	663.7	640.9	617.7	596.4	574.7	555.1	536.4	518.0	498.6
-45°	654.1	637.6	619.9	603.2	584.5	566.9	547.9	531.0	514.4	497.2	479.3
-47.5°	608.8	596.6	583.1	570.8	556.3	540.1	523.6	507.5	492.0	476.0	461.5
-50°	570.8	562.5	553.2	542.9	529.8	515.0	499.6	483.5	469.4	455.7	441.3
-52.5°	540.3	533.6	525.3	515.3	503.2	489.5	475.2	460.2	446.4	433.1	417.9
-55°	513.7	507.0	498.3	488.1	476.8	465.1	451.9	436.8	422.2	409.2	392.3
-57.5°	486.4	480.0	470.4	461.3	453.0	440.3	426.0	412.0	398.2	384.0	365.6
-60°	451.7	446.3	438.2	429.8	421.2	410.5	396.5	384.0	373.3	352.9	331.5
-62.5°	411.5	407.1	399.9	391.4	382.4	372.8	361.8	348.3	332.4	314.4	296.5
-65°	366.3	359.8	353.5	347.6	340.9	333.3	321.5	307.7	292.9	277.4	261.1
-67.5°	320.9	315.1	310.2	305.4	299.2	291.3	279.8	267.3	253.7	238.1	223.8
-70°	278.6	274.2	269.5	263.8	257.0	249.2	239.2	227.1	213.3	199.9	189.8
-72.5°	238.2	234.5	229.9	224.1	217.5	209.3	199.2	188.5	178.2	168.5	159.1
-75°	197.7	194.7	190.6	183.7	175.8	166.7	158.5	151.8	144.6	137.1	129.2
-77.5°	155.7	153.1	149.4	143.0	136.5	129.8	123.5	118.1	112.8	107.3	101.5
-80°	112.4	110.6	108.2	104.2	100.1	96.0	91.9	87.9	83.7	79.3	74.7
-82.5°	75.4	73.8	72.0	70.1	67.9	65.6	63.1	59.8	56.1	52.0	47.7
-85°	44.4	43.5	42.5	41.4	40.2	38.9	37.5	35.3	33.1	31.1	29.1
-87.5°	18.0	17.7	17.4	17.0	16.6	16.2	15.7	15.2	14.7	14.2	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: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-NR-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°	13.0	12.3	11.7	11.0	10.3	9.6	8.9	8.1	7.3	6.6	5.8
85°	28.0	26.7	25.2	23.4	21.3	19.2	17.7	16.2	14.7	13.1	11.5
82.5°	45.3	43.6	41.9	39.8	36.7	33.5	30.2	26.8	23.4	19.9	17.3
80°	70.2	65.9	61.7	57.5	52.7	47.7	43.3	38.8	34.2	29.6	24.9
77.5°	95.4	89.1	82.6	76.5	70.5	64.2	57.8	51.2	45.0	39.2	33.3
75°	121.0	113.3	105.5	97.4	89.1	80.6	72.9	65.1	57.1	49.0	41.7
72.5°	149.5	139.6	129.3	118.8	109.0	99.1	88.9	78.8	69.5	60.0	50.4
70°	179.2	167.0	154.7	142.9	130.4	117.4	105.8	93.9	81.8	71.0	60.0
67.5°	210.3	197.8	183.4	167.7	153.7	139.0	123.2	109.2	95.6	81.8	69.5
65°	244.5	228.8	213.8	195.7	178.0	160.9	143.8	125.2	109.2	93.9	78.8
62.5°	277.9	259.0	240.9	222.3	203.0	183.4	164.1	143.3	123.0	105.8	88.9
60°	311.0	289.9	267.5	246.4	226.2	205.5	183.6	160.8	138.6	117.4	99.1
57.5°	342.3	320.3	295.0	270.2	247.5	225.9	202.4	177.7	153.6	130.2	109.0
55°	371.5	347.0	320.7	293.8	268.3	244.6	220.2	193.9	168.0	142.9	118.5
52.5°	398.4	372.8	344.7	316.2	288.3	262.5	236.8	209.5	181.9	155.1	128.8
50°	423.5	398.4	368.5	337.9	307.4	280.1	253.1	224.5	195.1	166.7	138.9
47.5°	445.2	421.4	392.5	359.4	326.8	297.5	269.2	239.2	207.7	177.8	148.6
45°	462.9	442.7	414.9	381.6	346.6	315.5	284.9	253.6	220.6	188.5	158.0
42.5°	479.4	460.5	435.4	403.3	367.0	333.3	300.2	267.5	233.2	198.7	166.9
40°	496.2	476.1	454.5	422.2	386.1	350.3	315.7	281.1	245.3	208.8	175.4
37.5°	511.8	491.0	469.1	439.7	403.3	366.4	330.5	294.2	256.6	218.8	183.5
35°	527.7	504.4	481.7	453.5	418.2	381.0	344.6	306.8	267.3	228.2	191.1
32.5°	542.9	516.9	492.3	464.7	431.8	394.2	357.2	317.8	277.2	236.8	198.2
30°	556.8	528.5	502.6	475.5	443.5	405.7	367.9	327.8	286.5	244.6	204.9
27.5°	567.9	538.1	512.3	484.8	452.7	416.0	377.2	336.8	295.0	251.9	211.3
25°	578.9	547.1	520.1	493.3	461.5	426.4	386.0	344.7	302.5	258.8	217.0
22.5°	591.2	555.3	526.2	501.4	470.4	436.4	394.2	351.7	308.9	264.9	222.1
20°	602.0	562.5	530.8	507.7	477.5	443.9	402.1	357.9	314.5	270.4	226.6
17.5°	611.6	570.1	536.8	511.5	483.0	450.3	409.3	363.4	319.2	275.2	230.4
15°	621.5	578.2	542.1	514.5	487.5	455.7	415.9	368.2	323.0	279.2	233.8
12.5°	630.4	584.8	546.4	516.9	490.9	460.0	421.7	372.2	326.0	282.6	236.9
10°	637.7	589.8	549.6	518.5	493.3	463.3	426.7	376.0	329.2	285.2	239.6
7.5°	643.5	593.3	551.7	519.4	494.9	466.0	430.9	380.4	331.9	287.0	241.7
5°	647.7	596.1	555.0	522.4	496.9	468.1	433.9	384.0	333.8	287.9	243.2
2.5°	650.8	598.5	558.4	525.2	498.1	469.4	435.6	386.7	335.1	288.1	244.2
0°	651.9	599.2	560.8	527.3	498.5	469.8	436.2	388.3	335.5	287.6	244.5
-2.5°	650.8	598.5	558.4	525.2	498.1	469.4	435.6	386.7	335.1	288.1	244.2
-5°	647.7	596.1	555.0	522.4	496.9	468.1	433.9	384.0	333.8	287.9	243.2
-7.5°	643.5	593.3	551.7	519.4	494.9	466.0	430.9	380.4	331.9	287.0	241.7
-10°	637.7	589.8	549.6	518.5	493.3	463.3	426.7	376.0	329.2	285.2	239.6
-12.5°	630.4	584.8	546.4	516.9	490.9	460.0	421.7	372.2	326.0	282.6	236.9
-15°	621.5	578.2	542.1	514.5	487.5	455.7	415.9	368.2	323.0	279.2	233.8
-17.5°	611.6	570.1	536.8	511.5	483.0	450.3	409.3	363.4	319.2	275.2	230.4
-20°	602.0	562.5	530.8	507.7	477.5	443.9	402.1	357.9	314.5	270.4	226.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	591.2	555.3	526.2	501.4	470.4	436.4	394.2	351.7	308.9	264.9	222.1
-25°	578.9	547.1	520.1	493.3	461.5	426.4	386.0	344.7	302.5	258.8	217.0
-27.5°	567.9	538.1	512.3	484.8	452.7	416.0	377.2	336.8	295.0	251.9	211.3
-30°	556.8	528.5	502.6	475.5	443.5	405.7	367.9	327.8	286.5	244.6	204.9
-32.5°	542.9	516.9	492.3	464.7	431.8	394.2	357.2	317.8	277.2	236.8	198.2
-35°	527.7	504.4	481.7	453.5	418.2	381.0	344.6	306.8	267.3	228.2	191.1
-37.5°	511.8	491.0	469.1	439.7	403.3	366.4	330.5	294.2	256.6	218.8	183.5
-40°	496.2	476.1	454.5	422.2	386.1	350.3	315.7	281.1	245.3	208.8	175.4
-42.5°	479.4	460.5	435.4	403.3	367.0	333.3	300.2	267.5	233.2	198.7	166.9
-45°	462.9	442.7	414.9	381.6	346.6	315.5	284.9	253.6	220.6	188.5	158.0
-47.5°	445.2	421.4	392.5	359.4	326.8	297.5	269.2	239.2	207.7	177.8	148.6
-50°	423.5	398.4	368.5	337.9	307.4	280.1	253.1	224.5	195.1	166.7	138.9
-52.5°	398.4	372.8	344.7	316.2	288.3	262.5	236.8	209.5	181.9	155.1	128.8
-55°	371.5	347.0	320.7	293.8	268.3	244.6	220.2	193.9	168.0	142.9	118.5
-57.5°	342.3	320.3	295.0	270.2	247.5	225.9	202.4	177.7	153.6	130.2	109.0
-60°	311.0	289.9	267.5	246.4	226.2	205.5	183.6	160.8	138.6	117.4	99.1
-62.5°	277.9	259.0	240.9	222.3	203.0	183.4	164.1	143.3	123.0	105.8	88.9
-65°	244.5	228.8	213.8	195.7	178.0	160.9	143.8	125.2	109.2	93.9	78.8
-67.5°	210.3	197.8	183.4	167.7	153.7	139.0	123.2	109.2	95.6	81.8	69.5
-70°	179.2	167.0	154.7	142.9	130.4	117.4	105.8	93.9	81.8	71.0	60.0
-72.5°	149.5	139.6	129.3	118.8	109.0	99.1	88.9	78.8	69.5	60.0	50.4
-75°	121.0	113.3	105.5	97.4	89.1	80.6	72.9	65.1	57.1	49.0	41.7
-77.5°	95.4	89.1	82.6	76.5	70.5	64.2	57.8	51.2	45.0	39.2	33.3
-80°	70.2	65.9	61.7	57.5	52.7	47.7	43.3	38.8	34.2	29.6	24.9
-82.5°	45.3	43.6	41.9	39.8	36.7	33.5	30.2	26.8	23.4	19.9	17.3
-85°	28.0	26.7	25.2	23.4	21.3	19.2	17.7	16.2	14.7	13.1	11.5
-87.5°	13.0	12.3	11.7	11.0	10.3	9.6	8.9	8.1	7.3	6.6	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-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°	5.0	4.2	3.3	2.5	1.7	0.7	0.0
85°	9.9	8.3	6.7	5.0	3.3	1.5	0.0
82.5°	14.9	12.4	10.0	7.5	5.0	2.2	0.0
80°	20.1	16.5	13.3	10.0	6.6	2.9	0.0
77.5°	27.3	21.2	16.5	12.4	8.3	3.6	0.0
75°	34.5	27.0	20.0	14.9	9.8	4.3	0.0
72.5°	41.5	32.6	24.3	17.3	11.4	5.0	0.0
70°	48.5	38.2	28.6	19.8	12.9	5.7	0.0
67.5°	56.6	43.6	32.8	22.8	14.4	6.4	0.0
65°	64.5	49.5	36.9	25.8	15.8	7.0	0.0
62.5°	72.2	55.9	40.8	28.6	17.2	7.6	0.0
60°	79.7	62.2	44.7	31.4	18.5	8.2	0.0
57.5°	88.0	68.3	49.5	34.1	20.3	8.8	0.0
55°	96.1	74.3	54.3	36.7	22.0	9.4	0.0
52.5°	104.0	80.2	58.9	39.2	23.6	9.9	0.0
50°	111.7	86.5	63.3	41.6	25.2	10.4	0.0
47.5°	119.2	92.7	67.6	44.2	26.8	10.9	0.0
45°	127.2	98.5	71.7	47.2	28.3	11.4	0.0
42.5°	134.8	104.2	75.6	50.2	29.7	11.8	0.0
40°	142.1	109.5	79.6	53.0	31.1	12.2	0.0
37.5°	149.0	114.6	83.7	55.8	32.4	12.6	0.0
35°	155.5	119.7	87.5	58.4	33.7	12.9	0.0
32.5°	161.6	124.8	91.0	60.8	34.9	13.2	0.0
30°	167.3	129.5	94.3	63.1	36.0	13.5	0.0
27.5°	172.5	133.9	97.5	65.3	37.1	13.8	0.0
25°	177.3	137.9	100.5	67.2	38.1	14.0	0.0
22.5°	181.6	141.4	103.2	69.0	39.0	14.2	0.0
20°	185.5	144.5	105.7	70.6	39.8	14.3	0.0
17.5°	188.7	147.2	107.8	72.0	40.6	14.4	0.0
15°	191.3	149.4	109.7	73.2	41.2	14.5	0.0
12.5°	193.4	151.1	111.3	74.3	41.8	14.6	0.0
10°	195.0	152.4	112.6	75.2	42.3	14.6	0.0
7.5°	196.2	153.3	113.7	75.8	42.6	14.6	0.0
5°	196.8	153.7	114.4	76.3	42.9	14.6	0.0
2.5°	196.9	153.7	114.9	76.6	43.0	14.5	0.0
0°	196.5	153.4	115.0	76.7	43.1	14.4	0.0
-2.5°	196.9	153.7	114.9	76.6	43.0	14.5	0.0
-5°	196.8	153.7	114.4	76.3	42.9	14.6	0.0
-7.5°	196.2	153.3	113.7	75.8	42.6	14.6	0.0
-10°	195.0	152.4	112.6	75.2	42.3	14.6	0.0
-12.5°	193.4	151.1	111.3	74.3	41.8	14.6	0.0
-15°	191.3	149.4	109.7	73.2	41.2	14.5	0.0
-17.5°	188.7	147.2	107.8	72.0	40.6	14.4	0.0
-20°	185.5	144.5	105.7	70.6	39.8	14.3	0.0

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Scaled Data Report



REPORT NUMBER: P627389 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	181.6	141.4	103.2	69.0	39.0	14.2	0.0
-25°	177.3	137.9	100.5	67.2	38.1	14.0	0.0
-27.5°	172.5	133.9	97.5	65.3	37.1	13.8	0.0
-30°	167.3	129.5	94.3	63.1	36.0	13.5	0.0
-32.5°	161.6	124.8	91.0	60.8	34.9	13.2	0.0
-35°	155.5	119.7	87.5	58.4	33.7	12.9	0.0
-37.5°	149.0	114.6	83.7	55.8	32.4	12.6	0.0
-40°	142.1	109.5	79.6	53.0	31.1	12.2	0.0
-42.5°	134.8	104.2	75.6	50.2	29.7	11.8	0.0
-45°	127.2	98.5	71.7	47.2	28.3	11.4	0.0
-47.5°	119.2	92.7	67.6	44.2	26.8	10.9	0.0
-50°	111.7	86.5	63.3	41.6	25.2	10.4	0.0
-52.5°	104.0	80.2	58.9	39.2	23.6	9.9	0.0
-55°	96.1	74.3	54.3	36.7	22.0	9.4	0.0
-57.5°	88.0	68.3	49.5	34.1	20.3	8.8	0.0
-60°	79.7	62.2	44.7	31.4	18.5	8.2	0.0
-62.5°	72.2	55.9	40.8	28.6	17.2	7.6	0.0
-65°	64.5	49.5	36.9	25.8	15.8	7.0	0.0
-67.5°	56.6	43.6	32.8	22.8	14.4	6.4	0.0
-70°	48.5	38.2	28.6	19.8	12.9	5.7	0.0
-72.5°	41.5	32.6	24.3	17.3	11.4	5.0	0.0
-75°	34.5	27.0	20.0	14.9	9.8	4.3	0.0
-77.5°	27.3	21.2	16.5	12.4	8.3	3.6	0.0
-80°	20.1	16.5	13.3	10.0	6.6	2.9	0.0
-82.5°	14.9	12.4	10.0	7.5	5.0	2.2	0.0
-85°	9.9	8.3	6.7	5.0	3.3	1.5	0.0
-87.5°	5.0	4.2	3.3	2.5	1.7	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)