

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: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627409 (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-740-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N98  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

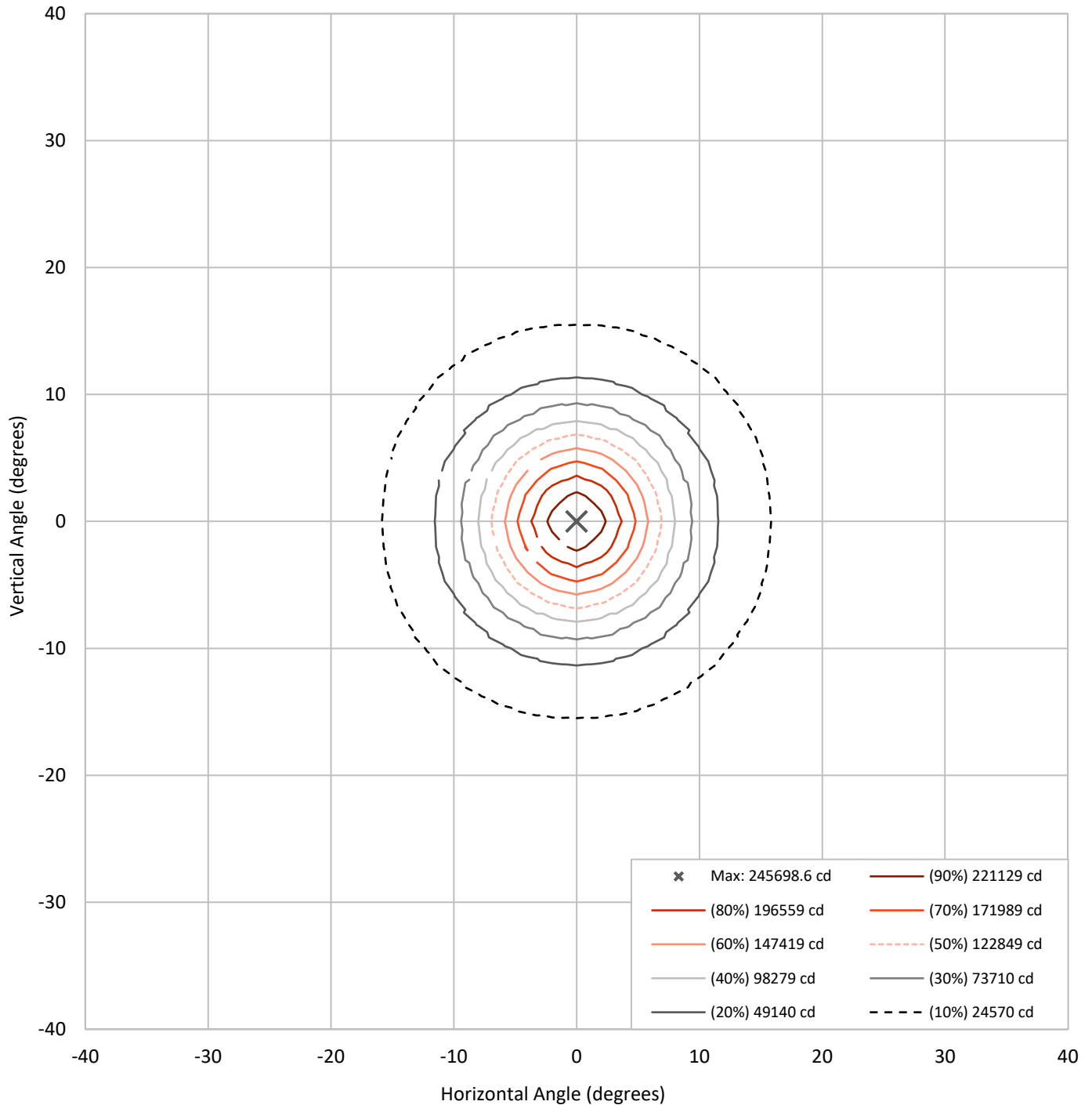
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	26089.6 lumens	Max Intensity:	245698.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	155.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	7713.5 lumens	Field Lumens:	17358.6 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





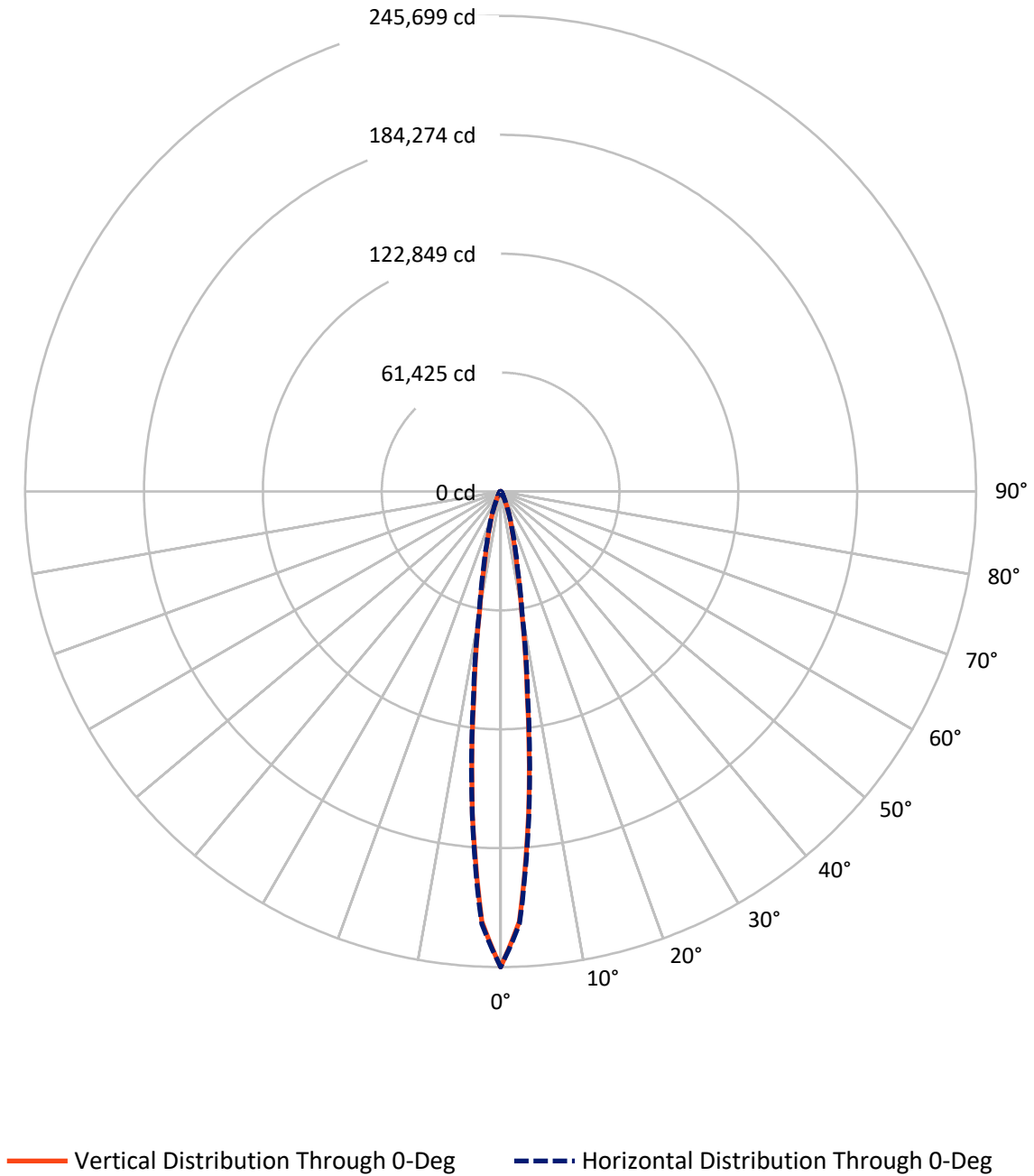
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### Lumen Table

90	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
80	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
70	1.6	1.8	3.8	6.2	8.7	10.7	12.0	12.6	12.6	12.0	10.7	8.7	6.2	3.8	1.8	1.6			
60		2.8	5.7	9.2	12.3	15.0	16.8	17.5	17.5	16.8	15.0	12.3	9.2	5.7	2.8				
50	2.8	3.6	7.3	11.3	15.1	19.0	22.3	24.1	24.1	22.3	19.0	15.1	11.3	7.3	3.6	2.8			
40		4.4	8.6	13.1	18.5	26.7	37.6	46.6	46.6	37.6	26.7	18.5	13.1	8.6	4.4				
30	3.7	4.9	9.4	14.8	24.0	47.7	108.5	179.7	179.7	108.5	47.7	24.0	14.8	9.4	4.9	3.7			
20		5.3	9.9	16.3	31.9	101.2	359.4	774.1	774.1	359.4	101.2	31.9	16.3	9.9	5.3				
10	4.0	5.5	10.1	17.3	38.5	166.8	781.3	3375.3	3375.3	781.3	166.8	38.5	17.3	10.1	5.5	4.0			
0		5.5	10.1	17.3	38.5	166.8	781.3	3375.3	3375.3	781.3	166.8	38.5	17.3	10.1	5.5				
-10	3.7	5.3	9.9	16.3	31.9	101.2	359.4	774.1	774.1	359.4	101.2	31.9	16.3	9.9	5.3	3.7			
-20		4.9	9.4	14.8	24.0	47.7	108.5	179.7	179.7	108.5	47.7	24.0	14.8	9.4	4.9				
-30	2.8	4.4	8.6	13.1	18.5	26.7	37.6	46.6	46.6	37.6	26.7	18.5	13.1	8.6	4.4	2.8			
-40		3.6	7.3	11.3	15.1	19.0	22.3	24.1	24.1	22.3	19.0	15.1	11.3	7.3	3.6				
-50	1.6	2.8	5.7	9.2	12.3	15.0	16.8	17.5	17.5	16.8	15.0	12.3	9.2	5.7	2.8	1.6			
-60		1.8	3.8	6.2	8.7	10.7	12.0	12.6	12.6	12.0	10.7	8.7	6.2	3.8	1.8				
-70	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
-80		3.6		9.4		15.2		16.6		15.2		9.4		3.6					
-90	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

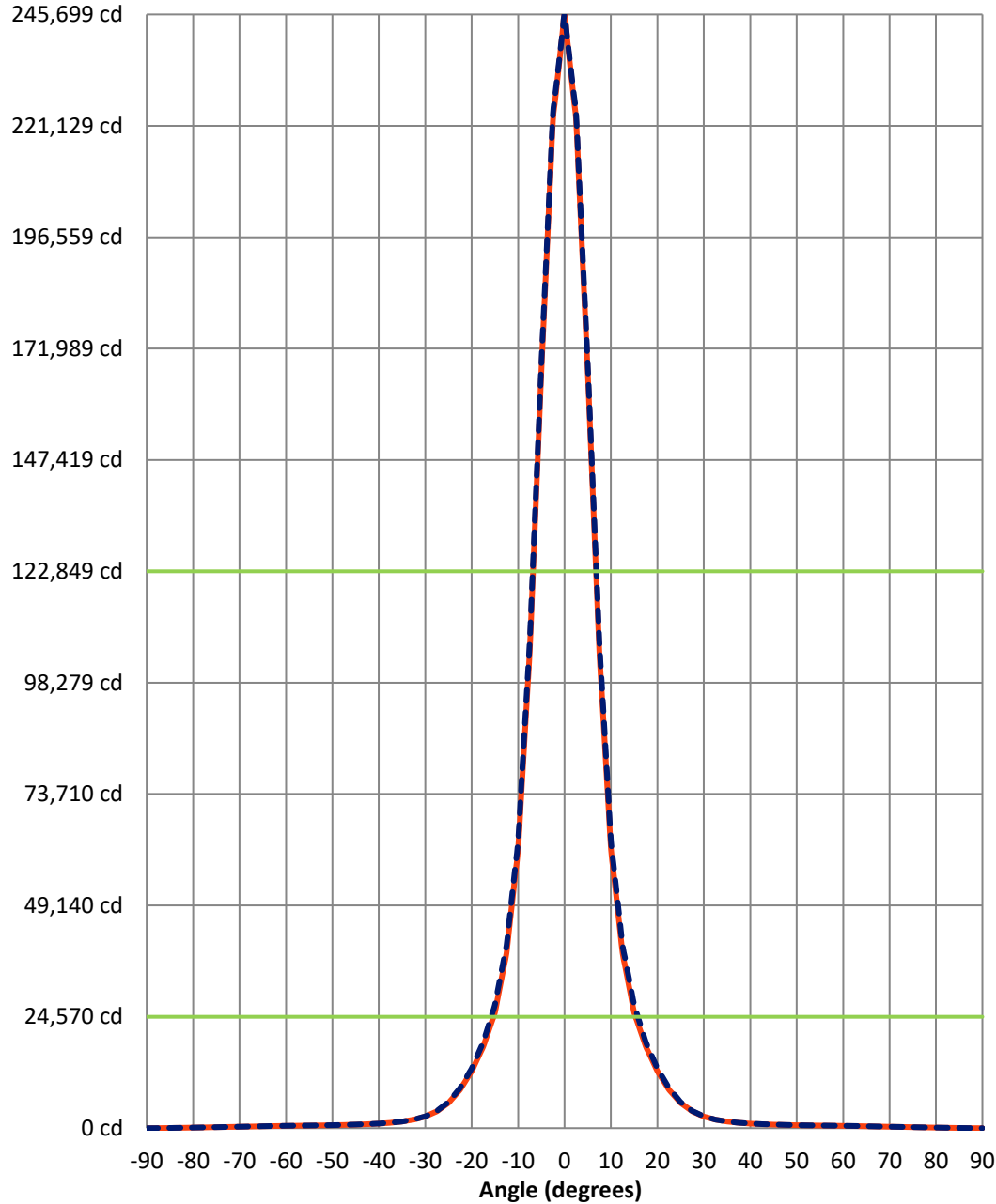
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 7713.5  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 17358.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 8731  
 Efficiency: 33.5%

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

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Scaled Data Report



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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	0.8	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
85°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
82.5°	0.0	2.4	5.5	8.2	11.0	13.7	16.3	19.0	21.8	25.7	29.4
80°	0.0	3.2	7.3	11.0	14.6	18.2	22.1	27.3	32.5	37.6	42.6
77.5°	0.0	4.0	9.1	13.7	18.2	23.3	30.0	36.6	43.1	49.5	56.3
75°	0.0	4.8	10.8	16.3	22.0	29.6	37.9	45.8	53.8	62.7	71.5
72.5°	0.0	5.5	12.5	19.0	26.8	35.8	45.6	55.4	65.9	76.3	86.6
70°	0.0	6.3	14.2	21.7	31.4	41.9	53.3	65.9	78.0	89.8	103.2
67.5°	0.0	7.0	15.8	25.1	36.0	47.9	62.1	76.3	89.8	105.0	119.9
65°	0.0	7.7	17.4	28.3	40.5	54.4	70.8	86.6	103.2	119.9	137.5
62.5°	0.0	8.4	18.9	31.5	44.9	61.4	79.2	97.6	116.2	135.2	157.3
60°	0.0	9.0	20.4	34.6	49.1	68.3	87.5	108.8	129.0	152.2	176.5
57.5°	0.0	9.7	22.3	37.5	54.4	75.0	96.6	119.7	143.0	168.6	195.1
55°	0.0	10.3	24.1	40.4	59.6	81.6	105.6	130.2	156.9	184.5	213.0
52.5°	0.0	10.9	25.9	43.2	64.7	88.0	114.3	141.5	170.3	199.7	230.1
50°	0.0	11.5	27.7	45.8	69.6	95.0	122.7	152.6	183.1	214.3	246.6
47.5°	0.0	12.0	29.4	48.6	74.2	101.8	130.9	163.2	195.3	228.2	262.7
45°	0.0	12.5	31.1	51.9	78.7	108.2	139.7	173.5	207.1	242.3	278.4
42.5°	0.0	13.0	32.7	55.1	83.0	114.4	148.1	183.3	218.3	256.1	293.8
40°	0.0	13.4	34.2	58.3	87.4	120.3	156.0	192.6	229.3	269.4	308.6
37.5°	0.0	13.8	35.7	61.3	91.8	125.8	163.6	201.5	240.3	281.8	323.0
35°	0.0	14.2	37.1	64.1	96.0	131.5	170.8	209.9	250.6	293.5	336.9
32.5°	0.0	14.5	38.4	66.8	99.9	137.1	177.4	217.7	260.0	304.4	349.0
30°	0.0	14.8	39.6	69.3	103.6	142.2	183.7	225.1	268.7	314.6	360.0
27.5°	0.0	15.1	40.8	71.7	107.1	147.0	189.4	232.1	276.6	323.9	369.9
25°	0.0	15.3	41.9	73.8	110.4	151.4	194.7	238.4	284.2	332.1	378.6
22.5°	0.0	15.5	42.9	75.8	113.4	155.3	199.5	244.0	290.9	339.3	386.2
20°	0.0	15.7	43.8	77.5	116.0	158.7	203.7	248.9	296.9	345.4	393.1
17.5°	0.0	15.8	44.6	79.1	118.4	161.6	207.2	253.0	302.2	350.6	399.1
15°	0.0	15.9	45.3	80.4	120.5	164.0	210.1	256.8	306.6	354.8	404.4
12.5°	0.0	16.0	46.0	81.6	122.3	165.9	212.4	260.2	310.3	358.0	408.7
10°	0.0	16.0	46.5	82.5	123.7	167.4	214.2	263.1	313.2	361.5	412.9
7.5°	0.0	16.0	46.9	83.3	124.8	168.3	215.4	265.4	315.1	364.5	417.8
5°	0.0	16.0	47.2	83.8	125.7	168.8	216.1	267.1	316.2	366.7	421.7
2.5°	0.0	15.9	47.3	84.1	126.1	168.9	216.2	268.1	316.4	368.0	424.6
0°	0.0	15.8	47.4	84.2	126.3	168.5	215.8	268.5	315.8	368.5	426.4
-2.5°	0.0	15.9	47.3	84.1	126.1	168.9	216.2	268.1	316.4	368.0	424.6
-5°	0.0	16.0	47.2	83.8	125.7	168.8	216.1	267.1	316.2	366.7	421.7
-7.5°	0.0	16.0	46.9	83.3	124.8	168.3	215.4	265.4	315.1	364.5	417.8
-10°	0.0	16.0	46.5	82.5	123.7	167.4	214.2	263.1	313.2	361.5	412.9
-12.5°	0.0	16.0	46.0	81.6	122.3	165.9	212.4	260.2	310.3	358.0	408.7
-15°	0.0	15.9	45.3	80.4	120.5	164.0	210.1	256.8	306.6	354.8	404.4
-17.5°	0.0	15.8	44.6	79.1	118.4	161.6	207.2	253.0	302.2	350.6	399.1
-20°	0.0	15.7	43.8	77.5	116.0	158.7	203.7	248.9	296.9	345.4	393.1



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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	15.5	42.9	75.8	113.4	155.3	199.5	244.0	290.9	339.3	386.2
-25°	0.0	15.3	41.9	73.8	110.4	151.4	194.7	238.4	284.2	332.1	378.6
-27.5°	0.0	15.1	40.8	71.7	107.1	147.0	189.4	232.1	276.6	323.9	369.9
-30°	0.0	14.8	39.6	69.3	103.6	142.2	183.7	225.1	268.7	314.6	360.0
-32.5°	0.0	14.5	38.4	66.8	99.9	137.1	177.4	217.7	260.0	304.4	349.0
-35°	0.0	14.2	37.1	64.1	96.0	131.5	170.8	209.9	250.6	293.5	336.9
-37.5°	0.0	13.8	35.7	61.3	91.8	125.8	163.6	201.5	240.3	281.8	323.0
-40°	0.0	13.4	34.2	58.3	87.4	120.3	156.0	192.6	229.3	269.4	308.6
-42.5°	0.0	13.0	32.7	55.1	83.0	114.4	148.1	183.3	218.3	256.1	293.8
-45°	0.0	12.5	31.1	51.9	78.7	108.2	139.7	173.5	207.1	242.3	278.4
-47.5°	0.0	12.0	29.4	48.6	74.2	101.8	130.9	163.2	195.3	228.2	262.7
-50°	0.0	11.5	27.7	45.8	69.6	95.0	122.7	152.6	183.1	214.3	246.6
-52.5°	0.0	10.9	25.9	43.2	64.7	88.0	114.3	141.5	170.3	199.7	230.1
-55°	0.0	10.3	24.1	40.4	59.6	81.6	105.6	130.2	156.9	184.5	213.0
-57.5°	0.0	9.7	22.3	37.5	54.4	75.0	96.6	119.7	143.0	168.6	195.1
-60°	0.0	9.0	20.4	34.6	49.1	68.3	87.5	108.8	129.0	152.2	176.5
-62.5°	0.0	8.4	18.9	31.5	44.9	61.4	79.2	97.6	116.2	135.2	157.3
-65°	0.0	7.7	17.4	28.3	40.5	54.4	70.8	86.6	103.2	119.9	137.5
-67.5°	0.0	7.0	15.8	25.1	36.0	47.9	62.1	76.3	89.8	105.0	119.9
-70°	0.0	6.3	14.2	21.7	31.4	41.9	53.3	65.9	78.0	89.8	103.2
-72.5°	0.0	5.5	12.5	19.0	26.8	35.8	45.6	55.4	65.9	76.3	86.6
-75°	0.0	4.8	10.8	16.3	22.0	29.6	37.9	45.8	53.8	62.7	71.5
-77.5°	0.0	4.0	9.1	13.7	18.2	23.3	30.0	36.6	43.1	49.5	56.3
-80°	0.0	3.2	7.3	11.0	14.6	18.2	22.1	27.3	32.5	37.6	42.6
-82.5°	0.0	2.4	5.5	8.2	11.0	13.7	16.3	19.0	21.8	25.7	29.4
-85°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
-87.5°	0.0	0.8	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
-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°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
85°	19.5	21.1	23.4	25.7	27.7	29.3	30.8	32.0	34.1	36.4	38.8
82.5°	33.1	36.7	40.3	43.7	46.1	48.0	49.8	52.5	57.1	61.6	65.6
80°	47.5	52.4	57.8	63.2	67.7	72.4	77.1	82.0	87.1	91.9	96.5
77.5°	63.5	70.5	77.4	84.1	90.7	97.9	104.8	111.5	117.8	123.9	129.7
75°	80.1	88.5	97.8	107.0	115.9	124.5	132.9	141.9	150.6	158.8	166.7
72.5°	97.6	108.8	119.8	130.5	142.0	153.3	164.2	174.8	185.0	195.8	207.1
70°	116.2	129.0	143.3	157.0	169.8	183.4	196.8	208.5	219.6	234.3	249.4
67.5°	135.3	152.6	168.7	184.2	201.4	217.3	231.0	245.8	261.5	278.6	293.5
65°	157.9	176.7	195.4	214.9	234.8	251.3	268.5	286.8	304.7	321.7	337.9
62.5°	180.1	201.4	222.9	244.2	264.6	284.4	305.2	325.6	345.2	365.0	382.5
60°	201.6	225.7	248.4	270.6	293.8	318.4	341.4	364.0	387.5	410.0	421.7
57.5°	222.3	248.1	271.8	296.8	323.9	351.7	375.9	401.5	421.7	437.3	452.4
55°	241.8	268.6	294.6	322.6	352.1	381.1	408.0	430.8	449.4	463.7	479.7
52.5°	260.1	288.3	316.6	347.2	378.5	409.4	437.6	458.9	475.7	490.3	505.4
50°	278.0	307.6	337.5	371.1	404.7	437.5	465.1	484.6	500.4	515.4	531.0
47.5°	295.6	326.6	358.9	394.7	431.0	462.7	488.9	506.7	522.7	540.3	557.3
45°	312.8	346.5	380.7	419.1	455.6	486.1	508.4	526.3	546.0	565.0	583.1
42.5°	329.7	366.0	403.1	442.9	478.1	505.7	526.4	547.6	568.9	589.0	609.6
40°	346.7	384.7	424.0	463.6	499.1	522.9	544.9	567.7	591.1	613.0	635.8
37.5°	363.0	402.4	442.9	482.9	515.1	539.3	562.1	587.2	611.9	635.9	665.5
35°	378.5	418.5	459.3	498.0	529.1	554.0	579.5	605.9	631.9	662.9	696.6
32.5°	392.4	432.9	474.2	510.3	540.7	567.6	596.2	623.9	654.9	690.0	730.6
30°	404.0	445.5	487.0	522.3	552.0	580.4	611.4	641.9	678.2	720.4	768.7
27.5°	414.3	456.8	497.2	532.5	562.7	590.9	623.6	662.1	703.8	751.2	807.8
25°	423.9	468.2	506.8	541.8	571.2	600.8	635.8	678.3	728.5	785.5	854.9
22.5°	432.9	479.2	516.6	550.6	577.8	609.9	649.2	695.5	750.1	816.9	901.4
20°	441.5	487.4	524.4	557.6	582.9	617.8	661.1	710.6	772.6	852.3	950.0
17.5°	449.5	494.5	530.4	561.7	589.4	626.2	671.6	722.8	792.1	884.4	994.6
15°	456.7	500.4	535.3	565.1	595.3	635.0	682.5	738.0	813.7	915.0	1034.1
12.5°	463.1	505.1	539.1	567.7	600.0	642.2	692.2	753.8	837.0	945.1	1084.3
10°	468.6	508.8	541.7	569.4	603.5	647.7	700.4	766.7	855.5	968.4	1122.8
7.5°	473.2	511.7	543.6	570.4	605.8	651.5	706.7	776.5	868.4	985.0	1150.7
5°	476.5	514.0	545.7	573.7	609.4	654.6	711.3	783.2	876.0	994.9	1167.9
2.5°	478.4	515.4	547.1	576.8	613.3	657.2	714.7	790.6	882.2	1004.4	1181.2
0°	479.0	515.9	547.5	579.1	615.9	658.0	715.9	794.9	884.4	1010.7	1189.7
-2.5°	478.4	515.4	547.1	576.8	613.3	657.2	714.7	790.6	882.2	1004.4	1181.2
-5°	476.5	514.0	545.7	573.7	609.4	654.6	711.3	783.2	876.0	994.9	1167.9
-7.5°	473.2	511.7	543.6	570.4	605.8	651.5	706.7	776.5	868.4	985.0	1150.7
-10°	468.6	508.8	541.7	569.4	603.5	647.7	700.4	766.7	855.5	968.4	1122.8
-12.5°	463.1	505.1	539.1	567.7	600.0	642.2	692.2	753.8	837.0	945.1	1084.3
-15°	456.7	500.4	535.3	565.1	595.3	635.0	682.5	738.0	813.7	915.0	1034.1
-17.5°	449.5	494.5	530.4	561.7	589.4	626.2	671.6	722.8	792.1	884.4	994.6
-20°	441.5	487.4	524.4	557.6	582.9	617.8	661.1	710.6	772.6	852.3	950.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	432.9	479.2	516.6	550.6	577.8	609.9	649.2	695.5	750.1	816.9	901.4
-25°	423.9	468.2	506.8	541.8	571.2	600.8	635.8	678.3	728.5	785.5	854.9
-27.5°	414.3	456.8	497.2	532.5	562.7	590.9	623.6	662.1	703.8	751.2	807.8
-30°	404.0	445.5	487.0	522.3	552.0	580.4	611.4	641.9	678.2	720.4	768.7
-32.5°	392.4	432.9	474.2	510.3	540.7	567.6	596.2	623.9	654.9	690.0	730.6
-35°	378.5	418.5	459.3	498.0	529.1	554.0	579.5	605.9	631.9	662.9	696.6
-37.5°	363.0	402.4	442.9	482.9	515.1	539.3	562.1	587.2	611.9	635.9	665.5
-40°	346.7	384.7	424.0	463.6	499.1	522.9	544.9	567.7	591.1	613.0	635.8
-42.5°	329.7	366.0	403.1	442.9	478.1	505.7	526.4	547.6	568.9	589.0	609.6
-45°	312.8	346.5	380.7	419.1	455.6	486.1	508.4	526.3	546.0	565.0	583.1
-47.5°	295.6	326.6	358.9	394.7	431.0	462.7	488.9	506.7	522.7	540.3	557.3
-50°	278.0	307.6	337.5	371.1	404.7	437.5	465.1	484.6	500.4	515.4	531.0
-52.5°	260.1	288.3	316.6	347.2	378.5	409.4	437.6	458.9	475.7	490.3	505.4
-55°	241.8	268.6	294.6	322.6	352.1	381.1	408.0	430.8	449.4	463.7	479.7
-57.5°	222.3	248.1	271.8	296.8	323.9	351.7	375.9	401.5	421.7	437.3	452.4
-60°	201.6	225.7	248.4	270.6	293.8	318.4	341.4	364.0	387.5	410.0	421.7
-62.5°	180.1	201.4	222.9	244.2	264.6	284.4	305.2	325.6	345.2	365.0	382.5
-65°	157.9	176.7	195.4	214.9	234.8	251.3	268.5	286.8	304.7	321.7	337.9
-67.5°	135.3	152.6	168.7	184.2	201.4	217.3	231.0	245.8	261.5	278.6	293.5
-70°	116.2	129.0	143.3	157.0	169.8	183.4	196.8	208.5	219.6	234.3	249.4
-72.5°	97.6	108.8	119.8	130.5	142.0	153.3	164.2	174.8	185.0	195.8	207.1
-75°	80.1	88.5	97.8	107.0	115.9	124.5	132.9	141.9	150.6	158.8	166.7
-77.5°	63.5	70.5	77.4	84.1	90.7	97.9	104.8	111.5	117.8	123.9	129.7
-80°	47.5	52.4	57.8	63.2	67.7	72.4	77.1	82.0	87.1	91.9	96.5
-82.5°	33.1	36.7	40.3	43.7	46.1	48.0	49.8	52.5	57.1	61.6	65.6
-85°	19.5	21.1	23.4	25.7	27.7	29.3	30.8	32.0	34.1	36.4	38.8
-87.5°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
-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: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-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°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	19.3	18.2
85°	41.2	42.7	44.1	45.5	46.7	47.8	48.8	49.7	50.4	49.8	49.1
82.5°	69.3	72.1	74.6	76.9	79.1	81.0	82.8	84.3	85.7	85.6	85.2
80°	100.9	105.4	110.0	114.5	118.9	121.5	123.5	124.9	125.9	126.3	126.4
77.5°	135.6	142.6	149.9	157.1	164.1	168.1	171.0	173.4	175.3	175.7	175.3
75°	174.1	183.1	193.0	201.7	209.3	213.9	217.1	219.8	222.0	222.5	222.3
72.5°	218.8	229.9	238.8	246.2	252.5	257.5	261.5	264.9	267.7	268.9	269.0
70°	262.8	273.7	282.2	289.7	295.9	301.1	305.9	310.0	313.4	316.0	317.8
67.5°	307.3	319.8	328.5	335.3	340.6	346.0	352.4	358.0	362.7	365.8	367.3
65°	353.0	366.0	374.4	381.8	388.3	395.2	402.3	407.5	411.0	413.1	414.5
62.5°	397.4	409.5	420.0	429.8	439.2	447.0	451.9	456.3	460.0	463.2	465.5
60°	435.4	450.8	462.6	472.0	481.2	490.1	496.1	500.8	504.6	507.3	509.0
57.5°	467.9	483.5	497.5	506.6	516.6	527.2	534.2	538.2	541.9	545.0	546.5
55°	496.2	510.7	523.6	536.0	547.2	556.8	564.2	569.6	574.1	577.7	578.9
52.5°	521.8	537.6	552.7	565.9	576.9	586.0	593.3	600.0	605.1	608.6	610.2
50°	548.6	565.6	581.8	596.2	607.5	617.7	626.9	634.8	642.4	648.3	652.6
47.5°	575.0	593.1	610.9	626.9	640.4	655.2	668.6	679.8	690.8	699.7	705.9
45°	601.6	622.5	641.9	662.4	680.7	700.2	718.3	733.8	749.8	761.9	770.0
42.5°	631.2	654.9	678.2	703.8	728.8	754.1	781.5	805.8	824.7	842.4	856.7
40°	662.9	690.0	720.4	751.8	788.6	822.0	858.8	890.4	918.9	949.0	973.0
37.5°	696.6	730.6	770.6	812.5	860.2	905.9	953.9	1001.0	1042.2	1090.7	1127.8
35°	734.0	779.3	828.6	885.3	944.6	1010.1	1075.7	1151.6	1216.8	1288.6	1351.2
32.5°	778.2	832.3	896.9	971.7	1047.9	1147.3	1240.2	1360.9	1465.3	1579.2	1693.9
30°	823.7	894.4	977.8	1072.1	1193.1	1329.8	1482.2	1661.7	1846.9	2026.0	2242.1
27.5°	880.0	965.4	1066.4	1204.0	1382.3	1567.0	1829.0	2098.6	2438.9	2720.4	3117.2
25°	938.6	1039.0	1182.5	1369.8	1602.4	1923.0	2320.5	2751.3	3350.1	3876.2	4493.2
22.5°	1002.3	1137.9	1316.4	1547.6	1900.4	2392.5	2994.3	3805.3	4688.6	5626.3	6559.0
20°	1068.7	1232.7	1466.8	1801.8	2285.9	2952.3	3985.5	5237.6	6499.4	8046.6	9416.6
17.5°	1145.6	1354.4	1642.8	2061.8	2707.8	3728.6	5161.9	6910.0	8867.4	11092.0	13067.1
15°	1209.6	1458.6	1822.6	2408.8	3297.2	4608.2	6415.8	8820.5	11762.1	14749.7	17780.9
12.5°	1284.0	1572.0	1999.5	2698.5	3814.3	5556.6	8017.0	11060.6	14734.3	18878.4	23763.7
10°	1350.0	1683.3	2214.7	3080.0	4443.6	6545.7	9531.7	13193.4	17934.3	23896.7	31462.0
7.5°	1399.0	1771.9	2380.9	3370.3	4987.6	7496.6	10962.9	15529.0	21553.0	29426.3	39809.0
5°	1430.7	1836.0	2498.5	3594.3	5413.4	8204.3	12011.7	17185.4	24453.1	35588.5	53170.3
2.5°	1449.7	1874.0	2565.6	3725.7	5672.4	8673.2	12809.7	18438.0	26332.6	39396.7	61764.0
0°	1458.2	1884.6	2605.8	3795.4	5759.0	8854.3	13176.2	19008.8	27173.5	40286.5	63275.0
-2.5°	1449.7	1874.0	2565.6	3725.7	5672.4	8673.2	12809.7	18438.0	26332.6	39396.7	61764.0
-5°	1430.7	1836.0	2498.5	3594.3	5413.4	8204.3	12011.7	17185.4	24453.1	35588.5	53170.3
-7.5°	1399.0	1771.9	2380.9	3370.3	4987.6	7496.6	10962.9	15529.0	21553.0	29426.3	39809.0
-10°	1350.0	1683.3	2214.7	3080.0	4443.6	6545.7	9531.7	13193.4	17934.3	23896.7	31462.0
-12.5°	1284.0	1572.0	1999.5	2698.5	3814.3	5556.6	8017.0	11060.6	14734.3	18878.4	23763.7
-15°	1209.6	1458.6	1822.6	2408.8	3297.2	4608.2	6415.8	8820.5	11762.1	14749.7	17780.9
-17.5°	1145.6	1354.4	1642.8	2061.8	2707.8	3728.6	5161.9	6910.0	8867.4	11092.0	13067.1
-20°	1068.7	1232.7	1466.8	1801.8	2285.9	2952.3	3985.5	5237.6	6499.4	8046.6	9416.6



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1002.3	1137.9	1316.4	1547.6	1900.4	2392.5	2994.3	3805.3	4688.6	5626.3	6559.0
-25°	938.6	1039.0	1182.5	1369.8	1602.4	1923.0	2320.5	2751.3	3350.1	3876.2	4493.2
-27.5°	880.0	965.4	1066.4	1204.0	1382.3	1567.0	1829.0	2098.6	2438.9	2720.4	3117.2
-30°	823.7	894.4	977.8	1072.1	1193.1	1329.8	1482.2	1661.7	1846.9	2026.0	2242.1
-32.5°	778.2	832.3	896.9	971.7	1047.9	1147.3	1240.2	1360.9	1465.3	1579.2	1693.9
-35°	734.0	779.3	828.6	885.3	944.6	1010.1	1075.7	1151.6	1216.8	1288.6	1351.2
-37.5°	696.6	730.6	770.6	812.5	860.2	905.9	953.9	1001.0	1042.2	1090.7	1127.8
-40°	662.9	690.0	720.4	751.8	788.6	822.0	858.8	890.4	918.9	949.0	973.0
-42.5°	631.2	654.9	678.2	703.8	728.8	754.1	781.5	805.8	824.7	842.4	856.7
-45°	601.6	622.5	641.9	662.4	680.7	700.2	718.3	733.8	749.8	761.9	770.0
-47.5°	575.0	593.1	610.9	626.9	640.4	655.2	668.6	679.8	690.8	699.7	705.9
-50°	548.6	565.6	581.8	596.2	607.5	617.7	626.9	634.8	642.4	648.3	652.6
-52.5°	521.8	537.6	552.7	565.9	576.9	586.0	593.3	600.0	605.1	608.6	610.2
-55°	496.2	510.7	523.6	536.0	547.2	556.8	564.2	569.6	574.1	577.7	578.9
-57.5°	467.9	483.5	497.5	506.6	516.6	527.2	534.2	538.2	541.9	545.0	546.5
-60°	435.4	450.8	462.6	472.0	481.2	490.1	496.1	500.8	504.6	507.3	509.0
-62.5°	397.4	409.5	420.0	429.8	439.2	447.0	451.9	456.3	460.0	463.2	465.5
-65°	353.0	366.0	374.4	381.8	388.3	395.2	402.3	407.5	411.0	413.1	414.5
-67.5°	307.3	319.8	328.5	335.3	340.6	346.0	352.4	358.0	362.7	365.8	367.3
-70°	262.8	273.7	282.2	289.7	295.9	301.1	305.9	310.0	313.4	316.0	317.8
-72.5°	218.8	229.9	238.8	246.2	252.5	257.5	261.5	264.9	267.7	268.9	269.0
-75°	174.1	183.1	193.0	201.7	209.3	213.9	217.1	219.8	222.0	222.5	222.3
-77.5°	135.6	142.6	149.9	157.1	164.1	168.1	171.0	173.4	175.3	175.7	175.3
-80°	100.9	105.4	110.0	114.5	118.9	121.5	123.5	124.9	125.9	126.3	126.4
-82.5°	69.3	72.1	74.6	76.9	79.1	81.0	82.8	84.3	85.7	85.6	85.2
-85°	41.2	42.7	44.1	45.5	46.7	47.8	48.8	49.7	50.4	49.8	49.1
-87.5°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	19.3	18.2
-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: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-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°	17.0	15.7	15.8	15.8	15.8	15.7	17.0	18.2	19.3	20.4	20.1
85°	48.2	47.2	47.3	47.4	47.3	47.2	48.2	49.1	49.8	50.4	49.7
82.5°	84.6	83.8	84.1	84.2	84.1	83.8	84.6	85.2	85.6	85.7	84.3
80°	126.2	125.7	123.6	121.1	123.6	125.7	126.2	126.4	126.3	125.9	124.9
77.5°	174.4	172.9	170.9	168.5	170.9	172.9	174.4	175.3	175.7	175.3	173.4
75°	221.5	220.2	220.8	221.1	220.8	220.2	221.5	222.3	222.5	222.0	219.8
72.5°	268.6	267.5	268.2	268.5	268.2	267.5	268.6	269.0	268.9	267.7	264.9
70°	319.0	319.6	318.2	315.8	318.2	319.6	319.0	317.8	316.0	313.4	310.0
67.5°	367.8	367.2	365.6	363.2	365.6	367.2	367.8	367.3	365.8	362.7	358.0
65°	415.0	414.5	415.4	415.9	415.4	414.5	415.0	414.5	413.1	411.0	407.5
62.5°	466.8	466.8	465.6	463.2	465.6	466.8	466.8	465.5	463.2	460.0	456.3
60°	509.7	509.3	507.9	505.4	507.9	509.3	509.7	509.0	507.3	504.6	500.8
57.5°	547.0	546.4	544.8	542.2	544.8	546.4	547.0	546.5	545.0	541.9	538.2
55°	579.1	578.3	576.6	573.8	576.6	578.3	579.1	578.9	577.7	574.1	569.6
52.5°	610.6	609.9	610.0	610.6	610.0	609.9	610.6	610.2	608.6	605.1	600.0
50°	655.2	656.1	655.4	652.8	655.4	656.1	655.2	652.6	648.3	642.4	634.8
47.5°	708.9	709.2	707.9	705.4	707.9	709.2	708.9	705.9	699.7	690.8	679.8
45°	776.4	780.2	781.2	779.1	781.2	780.2	776.4	770.0	761.9	749.8	733.8
42.5°	867.8	873.7	875.5	873.8	875.5	873.7	867.8	856.7	842.4	824.7	805.8
40°	987.8	994.6	995.9	994.9	995.9	994.6	987.8	973.0	949.0	918.9	890.4
37.5°	1153.8	1170.4	1178.2	1179.2	1178.2	1170.4	1153.8	1127.8	1090.7	1042.2	1001.0
35°	1398.9	1431.9	1449.7	1458.2	1449.7	1431.9	1398.9	1351.2	1288.6	1216.8	1151.6
32.5°	1780.9	1847.1	1883.8	1879.3	1883.8	1847.1	1780.9	1693.9	1579.2	1465.3	1360.9
30°	2405.0	2520.8	2579.1	2563.6	2579.1	2520.8	2405.0	2242.1	2026.0	1846.9	1661.7
27.5°	3402.2	3611.5	3732.5	3716.5	3732.5	3611.5	3402.2	3117.2	2720.4	2438.9	2098.6
25°	5009.0	5390.8	5635.2	5574.7	5635.2	5390.8	5009.0	4493.2	3876.2	3350.1	2751.3
22.5°	7453.2	8100.0	8528.1	8475.3	8528.1	8100.0	7453.2	6559.0	5626.3	4688.6	3805.3
20°	10805.9	11790.4	12493.5	12586.6	12493.5	11790.4	10805.9	9416.6	8046.6	6499.4	5237.6
17.5°	15200.7	16761.7	17848.4	18029.7	17848.4	16761.7	15200.7	13067.1	11092.0	8867.4	6910.0
15°	20912.3	23463.7	25310.3	25462.7	25310.3	23463.7	20912.3	17780.9	14749.7	11762.1	8820.5
12.5°	28667.8	33799.5	37148.6	38623.0	37148.6	33799.5	28667.8	23763.7	18878.4	14734.3	11060.6
10°	39401.1	51188.2	58736.9	61574.7	58736.9	51188.2	39401.1	31462.0	23896.7	17934.3	13193.4
7.5°	57328.9	75835.0	96408.9	105177.6	96408.9	75835.0	57328.9	39809.0	29426.3	21553.0	15529.0
5°	77630.6	116038.2	152570.7	166836.5	152570.7	116038.2	77630.6	53170.3	35588.5	24453.1	17185.4
2.5°	98993.3	152527.8	202693.9	222312.7	202693.9	152527.8	98993.3	61764.0	39396.7	26332.6	18438.0
0°	107335.9	168505.2	223699.8	245698.6	223699.8	168505.2	107335.9	63275.0	40286.5	27173.5	19008.8
-2.5°	98993.3	152527.8	202693.9	222312.7	202693.9	152527.8	98993.3	61764.0	39396.7	26332.6	18438.0
-5°	77630.6	116038.2	152570.7	166836.5	152570.7	116038.2	77630.6	53170.3	35588.5	24453.1	17185.4
-7.5°	57328.9	75835.0	96408.9	105177.6	96408.9	75835.0	57328.9	39809.0	29426.3	21553.0	15529.0
-10°	39401.1	51188.2	58736.9	61574.7	58736.9	51188.2	39401.1	31462.0	23896.7	17934.3	13193.4
-12.5°	28667.8	33799.5	37148.6	38623.0	37148.6	33799.5	28667.8	23763.7	18878.4	14734.3	11060.6
-15°	20912.3	23463.7	25310.3	25462.7	25310.3	23463.7	20912.3	17780.9	14749.7	11762.1	8820.5
-17.5°	15200.7	16761.7	17848.4	18029.7	17848.4	16761.7	15200.7	13067.1	11092.0	8867.4	6910.0
-20°	10805.9	11790.4	12493.5	12586.6	12493.5	11790.4	10805.9	9416.6	8046.6	6499.4	5237.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	7453.2	8100.0	8528.1	8475.3	8528.1	8100.0	7453.2	6559.0	5626.3	4688.6	3805.3
-25°	5009.0	5390.8	5635.2	5574.7	5635.2	5390.8	5009.0	4493.2	3876.2	3350.1	2751.3
-27.5°	3402.2	3611.5	3732.5	3716.5	3732.5	3611.5	3402.2	3117.2	2720.4	2438.9	2098.6
-30°	2405.0	2520.8	2579.1	2563.6	2579.1	2520.8	2405.0	2242.1	2026.0	1846.9	1661.7
-32.5°	1780.9	1847.1	1883.8	1879.3	1883.8	1847.1	1780.9	1693.9	1579.2	1465.3	1360.9
-35°	1398.9	1431.9	1449.7	1458.2	1449.7	1431.9	1398.9	1351.2	1288.6	1216.8	1151.6
-37.5°	1153.8	1170.4	1178.2	1179.2	1178.2	1170.4	1153.8	1127.8	1090.7	1042.2	1001.0
-40°	987.8	994.6	995.9	994.9	995.9	994.6	987.8	973.0	949.0	918.9	890.4
-42.5°	867.8	873.7	875.5	873.8	875.5	873.7	867.8	856.7	842.4	824.7	805.8
-45°	776.4	780.2	781.2	779.1	781.2	780.2	776.4	770.0	761.9	749.8	733.8
-47.5°	708.9	709.2	707.9	705.4	707.9	709.2	708.9	705.9	699.7	690.8	679.8
-50°	655.2	656.1	655.4	652.8	655.4	656.1	655.2	652.6	648.3	642.4	634.8
-52.5°	610.6	609.9	610.0	610.6	610.0	609.9	610.6	610.2	608.6	605.1	600.0
-55°	579.1	578.3	576.6	573.8	576.6	578.3	579.1	578.9	577.7	574.1	569.6
-57.5°	547.0	546.4	544.8	542.2	544.8	546.4	547.0	546.5	545.0	541.9	538.2
-60°	509.7	509.3	507.9	505.4	507.9	509.3	509.7	509.0	507.3	504.6	500.8
-62.5°	466.8	466.8	465.6	463.2	465.6	466.8	466.8	465.5	463.2	460.0	456.3
-65°	415.0	414.5	415.4	415.9	415.4	414.5	415.0	414.5	413.1	411.0	407.5
-67.5°	367.8	367.2	365.6	363.2	365.6	367.2	367.8	367.3	365.8	362.7	358.0
-70°	319.0	319.6	318.2	315.8	318.2	319.6	319.0	317.8	316.0	313.4	310.0
-72.5°	268.6	267.5	268.2	268.5	268.2	267.5	268.6	269.0	268.9	267.7	264.9
-75°	221.5	220.2	220.8	221.1	220.8	220.2	221.5	222.3	222.5	222.0	219.8
-77.5°	174.4	172.9	170.9	168.5	170.9	172.9	174.4	175.3	175.7	175.3	173.4
-80°	126.2	125.7	123.6	121.1	123.6	125.7	126.2	126.4	126.3	125.9	124.9
-82.5°	84.6	83.8	84.1	84.2	84.1	83.8	84.6	85.2	85.6	85.7	84.3
-85°	48.2	47.2	47.3	47.4	47.3	47.2	48.2	49.1	49.8	50.4	49.7
-87.5°	17.0	15.7	15.8	15.8	15.8	15.7	17.0	18.2	19.3	20.4	20.1
-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: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-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°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
85°	48.8	47.8	46.7	45.5	44.1	42.7	41.2	38.8	36.4	34.1	32.0
82.5°	82.8	81.0	79.1	76.9	74.6	72.1	69.3	65.6	61.6	57.1	52.5
80°	123.5	121.5	118.9	114.5	110.0	105.4	100.9	96.5	91.9	87.1	82.0
77.5°	171.0	168.1	164.1	157.1	149.9	142.6	135.6	129.7	123.9	117.8	111.5
75°	217.1	213.9	209.3	201.7	193.0	183.1	174.1	166.7	158.8	150.6	141.9
72.5°	261.5	257.5	252.5	246.2	238.8	229.9	218.8	207.1	195.8	185.0	174.8
70°	305.9	301.1	295.9	289.7	282.2	273.7	262.8	249.4	234.3	219.6	208.5
67.5°	352.4	346.0	340.6	335.3	328.5	319.8	307.3	293.5	278.6	261.5	245.8
65°	402.3	395.2	388.3	381.8	374.4	366.0	353.0	337.9	321.7	304.7	286.8
62.5°	451.9	447.0	439.2	429.8	420.0	409.5	397.4	382.5	365.0	345.2	325.6
60°	496.1	490.1	481.2	472.0	462.6	450.8	435.4	421.7	410.0	387.5	364.0
57.5°	534.2	527.2	516.6	506.6	497.5	483.5	467.9	452.4	437.3	421.7	401.5
55°	564.2	556.8	547.2	536.0	523.6	510.7	496.2	479.7	463.7	449.4	430.8
52.5°	593.3	586.0	576.9	565.9	552.7	537.6	521.8	505.4	490.3	475.7	458.9
50°	626.9	617.7	607.5	596.2	581.8	565.6	548.6	531.0	515.4	500.4	484.6
47.5°	668.6	655.2	640.4	626.9	610.9	593.1	575.0	557.3	540.3	522.7	506.7
45°	718.3	700.2	680.7	662.4	641.9	622.5	601.6	583.1	565.0	546.0	526.3
42.5°	781.5	754.1	728.8	703.8	678.2	654.9	631.2	609.6	589.0	568.9	547.6
40°	858.8	822.0	788.6	751.8	720.4	690.0	662.9	635.8	613.0	591.1	567.7
37.5°	953.9	905.9	860.2	812.5	770.6	730.6	696.6	665.5	635.9	611.9	587.2
35°	1075.7	1010.1	944.6	885.3	828.6	779.3	734.0	696.6	662.9	631.9	605.9
32.5°	1240.2	1147.3	1047.9	971.7	896.9	832.3	778.2	730.6	690.0	654.9	623.9
30°	1482.2	1329.8	1193.1	1072.1	977.8	894.4	823.7	768.7	720.4	678.2	641.9
27.5°	1829.0	1567.0	1382.3	1204.0	1066.4	965.4	880.0	807.8	751.2	703.8	662.1
25°	2320.5	1923.0	1602.4	1369.8	1182.5	1039.0	938.6	854.9	785.5	728.5	678.3
22.5°	2994.3	2392.5	1900.4	1547.6	1316.4	1137.9	1002.3	901.4	816.9	750.1	695.5
20°	3985.5	2952.3	2285.9	1801.8	1466.8	1232.7	1068.7	950.0	852.3	772.6	710.6
17.5°	5161.9	3728.6	2707.8	2061.8	1642.8	1354.4	1145.6	994.6	884.4	792.1	722.8
15°	6415.8	4608.2	3297.2	2408.8	1822.6	1458.6	1209.6	1034.1	915.0	813.7	738.0
12.5°	8017.0	5556.6	3814.3	2698.5	1999.5	1572.0	1284.0	1084.3	945.1	837.0	753.8
10°	9531.7	6545.7	4443.6	3080.0	2214.7	1683.3	1350.0	1122.8	968.4	855.5	766.7
7.5°	10962.9	7496.6	4987.6	3370.3	2380.9	1771.9	1399.0	1150.7	985.0	868.4	776.5
5°	12011.7	8204.3	5413.4	3594.3	2498.5	1836.0	1430.7	1167.9	994.9	876.0	783.2
2.5°	12809.7	8673.2	5672.4	3725.7	2565.6	1874.0	1449.7	1181.2	1004.4	882.2	790.6
0°	13176.2	8854.3	5759.0	3795.4	2605.8	1884.6	1458.2	1189.7	1010.7	884.4	794.9
-2.5°	12809.7	8673.2	5672.4	3725.7	2565.6	1874.0	1449.7	1181.2	1004.4	882.2	790.6
-5°	12011.7	8204.3	5413.4	3594.3	2498.5	1836.0	1430.7	1167.9	994.9	876.0	783.2
-7.5°	10962.9	7496.6	4987.6	3370.3	2380.9	1771.9	1399.0	1150.7	985.0	868.4	776.5
-10°	9531.7	6545.7	4443.6	3080.0	2214.7	1683.3	1350.0	1122.8	968.4	855.5	766.7
-12.5°	8017.0	5556.6	3814.3	2698.5	1999.5	1572.0	1284.0	1084.3	945.1	837.0	753.8
-15°	6415.8	4608.2	3297.2	2408.8	1822.6	1458.6	1209.6	1034.1	915.0	813.7	738.0
-17.5°	5161.9	3728.6	2707.8	2061.8	1642.8	1354.4	1145.6	994.6	884.4	792.1	722.8
-20°	3985.5	2952.3	2285.9	1801.8	1466.8	1232.7	1068.7	950.0	852.3	772.6	710.6



Classified

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

Scaled Data Report



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2994.3	2392.5	1900.4	1547.6	1316.4	1137.9	1002.3	901.4	816.9	750.1	695.5
-25°	2320.5	1923.0	1602.4	1369.8	1182.5	1039.0	938.6	854.9	785.5	728.5	678.3
-27.5°	1829.0	1567.0	1382.3	1204.0	1066.4	965.4	880.0	807.8	751.2	703.8	662.1
-30°	1482.2	1329.8	1193.1	1072.1	977.8	894.4	823.7	768.7	720.4	678.2	641.9
-32.5°	1240.2	1147.3	1047.9	971.7	896.9	832.3	778.2	730.6	690.0	654.9	623.9
-35°	1075.7	1010.1	944.6	885.3	828.6	779.3	734.0	696.6	662.9	631.9	605.9
-37.5°	953.9	905.9	860.2	812.5	770.6	730.6	696.6	665.5	635.9	611.9	587.2
-40°	858.8	822.0	788.6	751.8	720.4	690.0	662.9	635.8	613.0	591.1	567.7
-42.5°	781.5	754.1	728.8	703.8	678.2	654.9	631.2	609.6	589.0	568.9	547.6
-45°	718.3	700.2	680.7	662.4	641.9	622.5	601.6	583.1	565.0	546.0	526.3
-47.5°	668.6	655.2	640.4	626.9	610.9	593.1	575.0	557.3	540.3	522.7	506.7
-50°	626.9	617.7	607.5	596.2	581.8	565.6	548.6	531.0	515.4	500.4	484.6
-52.5°	593.3	586.0	576.9	565.9	552.7	537.6	521.8	505.4	490.3	475.7	458.9
-55°	564.2	556.8	547.2	536.0	523.6	510.7	496.2	479.7	463.7	449.4	430.8
-57.5°	534.2	527.2	516.6	506.6	497.5	483.5	467.9	452.4	437.3	421.7	401.5
-60°	496.1	490.1	481.2	472.0	462.6	450.8	435.4	421.7	410.0	387.5	364.0
-62.5°	451.9	447.0	439.2	429.8	420.0	409.5	397.4	382.5	365.0	345.2	325.6
-65°	402.3	395.2	388.3	381.8	374.4	366.0	353.0	337.9	321.7	304.7	286.8
-67.5°	352.4	346.0	340.6	335.3	328.5	319.8	307.3	293.5	278.6	261.5	245.8
-70°	305.9	301.1	295.9	289.7	282.2	273.7	262.8	249.4	234.3	219.6	208.5
-72.5°	261.5	257.5	252.5	246.2	238.8	229.9	218.8	207.1	195.8	185.0	174.8
-75°	217.1	213.9	209.3	201.7	193.0	183.1	174.1	166.7	158.8	150.6	141.9
-77.5°	171.0	168.1	164.1	157.1	149.9	142.6	135.6	129.7	123.9	117.8	111.5
-80°	123.5	121.5	118.9	114.5	110.0	105.4	100.9	96.5	91.9	87.1	82.0
-82.5°	82.8	81.0	79.1	76.9	74.6	72.1	69.3	65.6	61.6	57.1	52.5
-85°	48.8	47.8	46.7	45.5	44.1	42.7	41.2	38.8	36.4	34.1	32.0
-87.5°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-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°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
85°	30.8	29.3	27.7	25.7	23.4	21.1	19.5	17.8	16.1	14.4	12.7
82.5°	49.8	48.0	46.1	43.7	40.3	36.7	33.1	29.4	25.7	21.8	19.0
80°	77.1	72.4	67.7	63.2	57.8	52.4	47.5	42.6	37.6	32.5	27.3
77.5°	104.8	97.9	90.7	84.1	77.4	70.5	63.5	56.3	49.5	43.1	36.6
75°	132.9	124.5	115.9	107.0	97.8	88.5	80.1	71.5	62.7	53.8	45.8
72.5°	164.2	153.3	142.0	130.5	119.8	108.8	97.6	86.6	76.3	65.9	55.4
70°	196.8	183.4	169.8	157.0	143.3	129.0	116.2	103.2	89.8	78.0	65.9
67.5°	231.0	217.3	201.4	184.2	168.7	152.6	135.3	119.9	105.0	89.8	76.3
65°	268.5	251.3	234.8	214.9	195.4	176.7	157.9	137.5	119.9	103.2	86.6
62.5°	305.2	284.4	264.6	244.2	222.9	201.4	180.1	157.3	135.2	116.2	97.6
60°	341.4	318.4	293.8	270.6	248.4	225.7	201.6	176.5	152.2	129.0	108.8
57.5°	375.9	351.7	323.9	296.8	271.8	248.1	222.3	195.1	168.6	143.0	119.7
55°	408.0	381.1	352.1	322.6	294.6	268.6	241.8	213.0	184.5	156.9	130.2
52.5°	437.6	409.4	378.5	347.2	316.6	288.3	260.1	230.1	199.7	170.3	141.5
50°	465.1	437.5	404.7	371.1	337.5	307.6	278.0	246.6	214.3	183.1	152.6
47.5°	488.9	462.7	431.0	394.7	358.9	326.6	295.6	262.7	228.2	195.3	163.2
45°	508.4	486.1	455.6	419.1	380.7	346.5	312.8	278.4	242.3	207.1	173.5
42.5°	526.4	505.7	478.1	442.9	403.1	366.0	329.7	293.8	256.1	218.3	183.3
40°	544.9	522.9	499.1	463.6	424.0	384.7	346.7	308.6	269.4	229.3	192.6
37.5°	562.1	539.3	515.1	482.9	442.9	402.4	363.0	323.0	281.8	240.3	201.5
35°	579.5	554.0	529.1	498.0	459.3	418.5	378.5	336.9	293.5	250.6	209.9
32.5°	596.2	567.6	540.7	510.3	474.2	432.9	392.4	349.0	304.4	260.0	217.7
30°	611.4	580.4	552.0	522.3	487.0	445.5	404.0	360.0	314.6	268.7	225.1
27.5°	623.6	590.9	562.7	532.5	497.2	456.8	414.3	369.9	323.9	276.6	232.1
25°	635.8	600.8	571.2	541.8	506.8	468.2	423.9	378.6	332.1	284.2	238.4
22.5°	649.2	609.9	577.8	550.6	516.6	479.2	432.9	386.2	339.3	290.9	244.0
20°	661.1	617.8	582.9	557.6	524.4	487.4	441.5	393.1	345.4	296.9	248.9
17.5°	671.6	626.2	589.4	561.7	530.4	494.5	449.5	399.1	350.6	302.2	253.0
15°	682.5	635.0	595.3	565.1	535.3	500.4	456.7	404.4	354.8	306.6	256.8
12.5°	692.2	642.2	600.0	567.7	539.1	505.1	463.1	408.7	358.0	310.3	260.2
10°	700.4	647.7	603.5	569.4	541.7	508.8	468.6	412.9	361.5	313.2	263.1
7.5°	706.7	651.5	605.8	570.4	543.6	511.7	473.2	417.8	364.5	315.1	265.4
5°	711.3	654.6	609.4	573.7	545.7	514.0	476.5	421.7	366.7	316.2	267.1
2.5°	714.7	657.2	613.3	576.8	547.1	515.4	478.4	424.6	368.0	316.4	268.1
0°	715.9	658.0	615.9	579.1	547.5	515.9	479.0	426.4	368.5	315.8	268.5
-2.5°	714.7	657.2	613.3	576.8	547.1	515.4	478.4	424.6	368.0	316.4	268.1
-5°	711.3	654.6	609.4	573.7	545.7	514.0	476.5	421.7	366.7	316.2	267.1
-7.5°	706.7	651.5	605.8	570.4	543.6	511.7	473.2	417.8	364.5	315.1	265.4
-10°	700.4	647.7	603.5	569.4	541.7	508.8	468.6	412.9	361.5	313.2	263.1
-12.5°	692.2	642.2	600.0	567.7	539.1	505.1	463.1	408.7	358.0	310.3	260.2
-15°	682.5	635.0	595.3	565.1	535.3	500.4	456.7	404.4	354.8	306.6	256.8
-17.5°	671.6	626.2	589.4	561.7	530.4	494.5	449.5	399.1	350.6	302.2	253.0
-20°	661.1	617.8	582.9	557.6	524.4	487.4	441.5	393.1	345.4	296.9	248.9



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-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°	649.2	609.9	577.8	550.6	516.6	479.2	432.9	386.2	339.3	290.9	244.0
-25°	635.8	600.8	571.2	541.8	506.8	468.2	423.9	378.6	332.1	284.2	238.4
-27.5°	623.6	590.9	562.7	532.5	497.2	456.8	414.3	369.9	323.9	276.6	232.1
-30°	611.4	580.4	552.0	522.3	487.0	445.5	404.0	360.0	314.6	268.7	225.1
-32.5°	596.2	567.6	540.7	510.3	474.2	432.9	392.4	349.0	304.4	260.0	217.7
-35°	579.5	554.0	529.1	498.0	459.3	418.5	378.5	336.9	293.5	250.6	209.9
-37.5°	562.1	539.3	515.1	482.9	442.9	402.4	363.0	323.0	281.8	240.3	201.5
-40°	544.9	522.9	499.1	463.6	424.0	384.7	346.7	308.6	269.4	229.3	192.6
-42.5°	526.4	505.7	478.1	442.9	403.1	366.0	329.7	293.8	256.1	218.3	183.3
-45°	508.4	486.1	455.6	419.1	380.7	346.5	312.8	278.4	242.3	207.1	173.5
-47.5°	488.9	462.7	431.0	394.7	358.9	326.6	295.6	262.7	228.2	195.3	163.2
-50°	465.1	437.5	404.7	371.1	337.5	307.6	278.0	246.6	214.3	183.1	152.6
-52.5°	437.6	409.4	378.5	347.2	316.6	288.3	260.1	230.1	199.7	170.3	141.5
-55°	408.0	381.1	352.1	322.6	294.6	268.6	241.8	213.0	184.5	156.9	130.2
-57.5°	375.9	351.7	323.9	296.8	271.8	248.1	222.3	195.1	168.6	143.0	119.7
-60°	341.4	318.4	293.8	270.6	248.4	225.7	201.6	176.5	152.2	129.0	108.8
-62.5°	305.2	284.4	264.6	244.2	222.9	201.4	180.1	157.3	135.2	116.2	97.6
-65°	268.5	251.3	234.8	214.9	195.4	176.7	157.9	137.5	119.9	103.2	86.6
-67.5°	231.0	217.3	201.4	184.2	168.7	152.6	135.3	119.9	105.0	89.8	76.3
-70°	196.8	183.4	169.8	157.0	143.3	129.0	116.2	103.2	89.8	78.0	65.9
-72.5°	164.2	153.3	142.0	130.5	119.8	108.8	97.6	86.6	76.3	65.9	55.4
-75°	132.9	124.5	115.9	107.0	97.8	88.5	80.1	71.5	62.7	53.8	45.8
-77.5°	104.8	97.9	90.7	84.1	77.4	70.5	63.5	56.3	49.5	43.1	36.6
-80°	77.1	72.4	67.7	63.2	57.8	52.4	47.5	42.6	37.6	32.5	27.3
-82.5°	49.8	48.0	46.1	43.7	40.3	36.7	33.1	29.4	25.7	21.8	19.0
-85°	30.8	29.3	27.7	25.7	23.4	21.1	19.5	17.8	16.1	14.4	12.7
-87.5°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
-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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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	5.5	4.6	3.7	2.8	1.8	0.8	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
82.5°	16.3	13.7	11.0	8.2	5.5	2.4	0.0
80°	22.1	18.2	14.6	11.0	7.3	3.2	0.0
77.5°	30.0	23.3	18.2	13.7	9.1	4.0	0.0
75°	37.9	29.6	22.0	16.3	10.8	4.8	0.0
72.5°	45.6	35.8	26.8	19.0	12.5	5.5	0.0
70°	53.3	41.9	31.4	21.7	14.2	6.3	0.0
67.5°	62.1	47.9	36.0	25.1	15.8	7.0	0.0
65°	70.8	54.4	40.5	28.3	17.4	7.7	0.0
62.5°	79.2	61.4	44.9	31.5	18.9	8.4	0.0
60°	87.5	68.3	49.1	34.6	20.4	9.0	0.0
57.5°	96.6	75.0	54.4	37.5	22.3	9.7	0.0
55°	105.6	81.6	59.6	40.4	24.1	10.3	0.0
52.5°	114.3	88.0	64.7	43.2	25.9	10.9	0.0
50°	122.7	95.0	69.6	45.8	27.7	11.5	0.0
47.5°	130.9	101.8	74.2	48.6	29.4	12.0	0.0
45°	139.7	108.2	78.7	51.9	31.1	12.5	0.0
42.5°	148.1	114.4	83.0	55.1	32.7	13.0	0.0
40°	156.0	120.3	87.4	58.3	34.2	13.4	0.0
37.5°	163.6	125.8	91.8	61.3	35.7	13.8	0.0
35°	170.8	131.5	96.0	64.1	37.1	14.2	0.0
32.5°	177.4	137.1	99.9	66.8	38.4	14.5	0.0
30°	183.7	142.2	103.6	69.3	39.6	14.8	0.0
27.5°	189.4	147.0	107.1	71.7	40.8	15.1	0.0
25°	194.7	151.4	110.4	73.8	41.9	15.3	0.0
22.5°	199.5	155.3	113.4	75.8	42.9	15.5	0.0
20°	203.7	158.7	116.0	77.5	43.8	15.7	0.0
17.5°	207.2	161.6	118.4	79.1	44.6	15.8	0.0
15°	210.1	164.0	120.5	80.4	45.3	15.9	0.0
12.5°	212.4	165.9	122.3	81.6	46.0	16.0	0.0
10°	214.2	167.4	123.7	82.5	46.5	16.0	0.0
7.5°	215.4	168.3	124.8	83.3	46.9	16.0	0.0
5°	216.1	168.8	125.7	83.8	47.2	16.0	0.0
2.5°	216.2	168.9	126.1	84.1	47.3	15.9	0.0
0°	215.8	168.5	126.3	84.2	47.4	15.8	0.0
-2.5°	216.2	168.9	126.1	84.1	47.3	15.9	0.0
-5°	216.1	168.8	125.7	83.8	47.2	16.0	0.0
-7.5°	215.4	168.3	124.8	83.3	46.9	16.0	0.0
-10°	214.2	167.4	123.7	82.5	46.5	16.0	0.0
-12.5°	212.4	165.9	122.3	81.6	46.0	16.0	0.0
-15°	210.1	164.0	120.5	80.4	45.3	15.9	0.0
-17.5°	207.2	161.6	118.4	79.1	44.6	15.8	0.0
-20°	203.7	158.7	116.0	77.5	43.8	15.7	0.0

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Scaled Data Report



REPORT NUMBER: P627409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	199.5	155.3	113.4	75.8	42.9	15.5	0.0
-25°	194.7	151.4	110.4	73.8	41.9	15.3	0.0
-27.5°	189.4	147.0	107.1	71.7	40.8	15.1	0.0
-30°	183.7	142.2	103.6	69.3	39.6	14.8	0.0
-32.5°	177.4	137.1	99.9	66.8	38.4	14.5	0.0
-35°	170.8	131.5	96.0	64.1	37.1	14.2	0.0
-37.5°	163.6	125.8	91.8	61.3	35.7	13.8	0.0
-40°	156.0	120.3	87.4	58.3	34.2	13.4	0.0
-42.5°	148.1	114.4	83.0	55.1	32.7	13.0	0.0
-45°	139.7	108.2	78.7	51.9	31.1	12.5	0.0
-47.5°	130.9	101.8	74.2	48.6	29.4	12.0	0.0
-50°	122.7	95.0	69.6	45.8	27.7	11.5	0.0
-52.5°	114.3	88.0	64.7	43.2	25.9	10.9	0.0
-55°	105.6	81.6	59.6	40.4	24.1	10.3	0.0
-57.5°	96.6	75.0	54.4	37.5	22.3	9.7	0.0
-60°	87.5	68.3	49.1	34.6	20.4	9.0	0.0
-62.5°	79.2	61.4	44.9	31.5	18.9	8.4	0.0
-65°	70.8	54.4	40.5	28.3	17.4	7.7	0.0
-67.5°	62.1	47.9	36.0	25.1	15.8	7.0	0.0
-70°	53.3	41.9	31.4	21.7	14.2	6.3	0.0
-72.5°	45.6	35.8	26.8	19.0	12.5	5.5	0.0
-75°	37.9	29.6	22.0	16.3	10.8	4.8	0.0
-77.5°	30.0	23.3	18.2	13.7	9.1	4.0	0.0
-80°	22.1	18.2	14.6	11.0	7.3	3.2	0.0
-82.5°	16.3	13.7	11.0	8.2	5.5	2.4	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
-87.5°	5.5	4.6	3.7	2.8	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)