

# BUILD YOUR KIT

## DESIGN GUIDE



A Comprehensive Guide to Building Your  
**GEN2 CLARIS LED**  
Upgrade Retrofit Kit  
Fluorescent Replacement  
*Revolutionary By Design*

With up to 164 Lm/W, and up to 24 years  
of virtually maintenance free operation,  
learn why smart decision makers  
[think outside the tube.™]  
when upgrading to LED.



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# How to use this guide

The new GEN2 Claris LED Retrofit Kit is designed with versatility and customer-driven solutions in mind (Section B). Based on experience and performance data, we have put together a list of our recommendations as a guide to building your kit (Section A).

## SECTION A Build-Your-Kit • Recommendation Hub

A quick and easy chart to choosing your GEN2 Claris LED Retrofit Kit. Use this Guide to find manufacturer-recommended replacements for existing systems in standard 2'x2', 2'x4', and 1'x4' direct recessed troffer housings.

### 2'x2' Direct Recessed Troffers Page 3-4

2 Lamp	F20T12 .....	3
	F17T8 .....	3
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3 Lamp	F17T8 .....	3
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2 U-Bend	FB34T12 .....	4
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### 2'x4' Direct Recessed Troffers Page 5-6

2 Lamp	F34T12 .....	5
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3 Lamp	F34T12 .....	5
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### 1'x4' Direct Recessed Troffers Page 7

1 Lamp	F20T12 .....	7
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## SECTION B Build-Your-Kit-Guide

This section is for the explorers. Free your mind, and discover the wide versatility and modularity of the GEN2 Claris LED Retrofit Kit design.

### EXPLORE Page 8-10

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# GEN2 CLARIS LED Upgrade Retrofit Kit

## Fluorescent Replacement

*Revolutionary By Design*

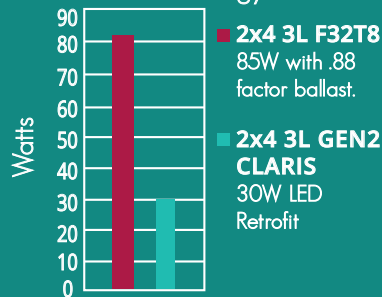
The GEN2 CLARIS LED Retrofit Kit was designed as a powerful step-up over existing LED Upgrade retrofit kits. Power Supply Efficiency, LED Efficiency, Thermal Performance, Ease of Installation, and Controllability were all optimized and improved upon with the latest and most advanced components. New performance specification feature extended L80 LED lifetimes exceeding 110,000hrs, efficacies ranging from 132-164lm/W, and 3 new controls platforms. Affordability through innovation has always been LED Living Technology's design approach and with the GEN2 CLARIS LED Retrofit Kit, it is easy to see why smart decision makers, Think Outside the Tube™ when upgrading to LED.

86 CRI

up to 164 lm/w

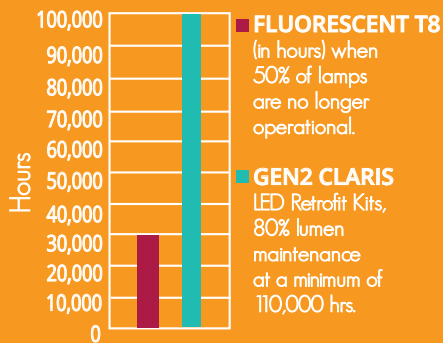
### REVOLUTIONARY PERFORMANCE

2x4 Consumes 65% Less Energy



L80 LED Lifetime minimum >110,000 hours

Improved Rapid Thermafuse Technology



All lifetime calculations are supported by TM21 and LM80.

### LONGER LIFETIME



Rapid Thermafuse Technology provides a freeway for heat dissipation from the LEDs to existing housing.

### FASTER INSTALL

NEW Permanent Rare Earth Magnets



10 minutes simple install.

No socket bars needed.

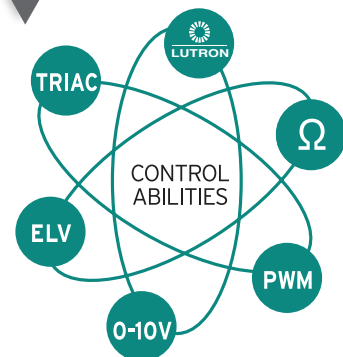
Available In:  
1x1, 1x2, 1x3, 1x4  
1x6, 1x8, 2x2, 2x4  
or larger configurations.

>160 DLC QPL Listed GEN2 Kits

### RETROFLEXIBILITY



UL 1598C w/multiple Controls Options



CCT Available  
2700K, 3000K  
3500K, 4000K  
5000K



2'x2'

direct recessed

# Section A

Section A of this Guide is a ready-made recommendation hub for choosing a GEN2 Claris LED Retrofit Kit configuration, based on your existing system. Navigate this section by Housing Type, # of Lamps, and Fluorescent Lamp Type (T5, T8 or T12).

## 2 Lamp F17T8 / F20T12 / F24T5

### Recommended GEN2 Claris LED Replacement Kit



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC*
(2) F20T12	<b>R</b> G2CLA-16-2-D-40-1K-22	G2C22D2L40	16	2	2300 / 2400 lm	✓
(2) F17T8	<b>U</b> G2CLA-24-2-D-40-1K-22	N/A	24	2	3300 / 3400 lm	✓
(2) F24T5						

## 3 Lamp F17T8 / F20T12 / F24T5

### Recommended GEN2 Claris LED Replacement Kit



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC*
(3) F20T12	<b>R</b> G2CLA-16-3-D-40-1K-22	G2C22D3L40	16	3	2400 / 2500 lm	✓
(3) F17T8	<b>U</b> G2CLA-24-3-D-40-1K-22	N/A	24	3	3500 / 3600 lm	✓
	<b>S</b> G2CLA-16-2-D-40-1K-22	G2C22D2L40	16	2	2300 / 2400 lm	✓
(3) F24T5	<b>R</b> G2CLA-24-3-D-40-1K-22	N/A	24	3	3500 / 3600	✓
	<b>U</b> G2CLA-30-3-D-40-1K-22	N/A	30	3	4300 / 4500	✓
	<b>S</b> G2CLA-24-2-D-40-1K-22	N/A	24	2	3300 / 3400	✓

See Legend on facing page →

**2 Lamp** FB32T8 / FB34T12 U-Bend

**Recommended GEN2 Claris LED Replacement Kit**



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC *
FB34T12 U-Bend	<b>R</b> G2CLA-16-4-D-40-1K-22	N/A	16	4	2400 / 2500 lm	✓
	<b>U</b> G2CLA-24-4-D-40-1K-22	G2C22D2U40	24	4	3600 / 3700 lm	✓
	<b>S</b> G2CLA-16-2-D-40-1K-22	N/A	16	2	2300 / 2400 lm	✓
FB32T8 U-Bend	<b>R</b> G2CLA-24-4-D-40-1K-22	G2C22D2U40	24	4	3600 / 3700	✓
	<b>U</b> G2CLA-30-4-D-40-1K-22	N/A	30	4	4400 / 4600	✓
	<b>S</b> G2CLA-24-2-D-40-1K-22	N/A	24	2	3300 / 3400	✓

**2 / 3 BIAX Lamp** F40BIAX

**Recommended GEN2 Claris LED Replacement Kit**



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC *
(2) F40BIAX	<b>R</b> G2CLA-30-4-D-40-1K-22	G2C22D2BX40	30	4	4400 / 4600 lm	✓
	<b>U</b> G2CLA-45-4-D-40-1K-22	N/A	45	4	6200 / 6500 lm	✓
	<b>S</b> G2CLA-30-3-D-40-1K-22	N/A	30	3	4300 / 4500 lm	✓
(3) F40BIAX	<b>R</b> G2CLA-45-6-D-40-1K-22	G2C22D3BX40	45	6	6500 / 6800	✓
	<b>S</b> G2CLA-45-4-D-40-1K-22	N/A	45	4	6200 / 6500	✓

KIT OPTIONS - Improve upon *Quality of Light™*

**R RECOMMENDED**

Matches Lamps, Maintains Mean Lumens

**U UPGRADED PERFORMANCE**

[Matches Lamps, Improves Lumens

**S SMART SAVER OPTION**

Reduces Lamps, Maintains Mean Lumens

\*DLC QPL listed in 4000K & 5000K

2'x4'

direct recessed

**2 Lamp** F34T12 / F32T8 / F48T5/HO

**Recommended GEN2 Claris LED Replacement Kit**



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	
(2) F34T12	<b>R</b> G2CLA-16-4-D-40-1K-24	N/A	16	4	2400 / 2500 lm	
	<b>U</b> G2CLA-24-4-D-40-1K-24	G2C24D2L40	24	4	3600 / 3700 lm	✓
(2) F32T8	<b>R</b> G2CLA-24-4-D-40-1K-24	G2C24D2L40	24	4	3600 / 3700 lm	✓
	<b>U</b> G2CLA-30-4-D-40-1K-24	N/A	30	4	4400 / 4600 lm	✓
(2) F48T5/HO	<b>R</b> G2CLA-30-4-D-40-1K-24	N/A	30	4	4400 / 4600 lm	✓
	<b>U</b> G2CLA-45-4-D-40-1K-24	N/A	45	4	6200 / 6500 lm	✓


**3 Lamp** F34T12 / F32T8 / F40T12/HO

**Recommended GEN2 Claris LED Replacement Kit**



F48T5/HO



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	
(3) F34T12	<b>R</b> G2CLA-24-6-D-40-1K-24	N/A	24	6	3700 / 3800 lm	✓
	<b>U</b> G2CLA-30-6-D-40-1K-24	N/A	30	6	4600 / 4800 lm	✓
	<b>S</b> G2CLA-24-4-D-40-1K-24	G2C24D2L40	24	4	3600 / 3700 lm	✓
(3) F32T8	<b>R</b> G2CLA-30-6-D-40-1K-24	G2C24D3L40	30	6	4600 / 4800 lm	✓
	<b>U</b> G2CLA-45-6-D-40-1K-24	N/A	45	6	6500 / 6800 lm	✓
	<b>S</b> G2CLA-30-4-D-40-1K-24	N/A	30	4	4400 / 4600 lm	✓
(3) F40T12/HO	<b>R</b> G2CLA-45-6-D-40-1K-24	N/A	45	6	6500 / 6800 lm	✓
	<b>U</b> G2CLA-68-6-D-40-1K-24	N/A	68	6	9300 / 9600 lm	✓
	<b>S</b> G2CLA-45-4-D-40-1K-24	N/A	45	4	6200 / 6500 lm	✓
(3) F48T5/HO	<b>R</b> G2CLA-68-6-D-40-1K-24	N/A	68	6	9300 / 9600 lm	✓

direct recessed

2'x4'



4 Lamp F34T12 / F32T8

Recommended GEN2 Claris LED Replacement Kit



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC <sup>*</sup>
(4) F34T12	<b>R</b> G2CLA-30-8-D-40-1K-24	N/A	30	8	4700 / 4900 lm	✓
	<b>U</b> G2CLA-45-8-D-40-1K-24	G2C24D4L40	45	8	6700 / 7000 lm	✓
	<b>S</b> G2CLA-30-4-D-40-1K-24	N/A	30	4	4400 / 4600 lm	✓
(4) F32T8	<b>R</b> G2CLA-45-8-D-40-1K-24	G2C24D4L40	45	8	6700 / 7000 lm	✓
	<b>U</b> G2CLA-68-8-D-40-1K-24	N/A	68	8	9700 / 10200 lm	✓
	<b>S</b> G2CLA-45-4-D-40-1K-24	N/A	45	4	6200 / 6500 lm	✓
(6) F32T8	<b>S</b> G2CLA-68-8-D-40-1K-24	N/A	68	8	9700 / 10200 lm	✓

KIT OPTIONS - Improve upon *Quality of Light™*

**R RECOMMENDED**

Matches Lamps, Maintains Mean Lumens

**U UPGRADED PERFORMANCE**

[Matches Lamps, Improves Lumens

**S SMART SAVER OPTION**

Reduces Lamps, Maintains Mean Lumens

\*DLC QPL listed in 4000K & 5000K

1'x4'

direct recessed

1 Lamp F34T12 / F32T8 / F48T5

Recommended GEN2 Claris LED Replacement Kit



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC
F34T12	<b>R</b> G2CLA-16-2-D-40-1K-22	G2C14D1L40	16	2	2300 / 2400 lm	✓
F32T8	<b>U</b> G2CLA-24-2-D-40-1K-22	N/A	24	2	3300 / 3400 lm	✓
F48T5						

2 Lamp F34T12, F32T8, F24T5/HO

Recommended GEN2 Claris LED Replacement Kit



Lamps Replacing	Model #	Quick Ship Ordering (Ships within 3-5 days)	Watts	Total Strips	Lumen Output (4000K / 5000K)	DLC
(2) F34T12	<b>R</b> G2CLA-16-4-D-40-1K-14	N/A	16	4	2400 / 2500 lm	✓
	<b>U</b> G2CLA-24-4-D-40-1K-14	G2C14D2L40	24	4	3600 / 3700 lm	✓
	<b>S</b> G2CLA-16-2-D-40-1K-14	G2C14D1L40	16	2	2300 / 2400 lm	✓
(2) F32T8	<b>R</b> G2CLA-24-4-D-40-1K-14	G2C14D1L40	24	4	3600 / 3700 lm	✓
	<b>U</b> G2CLA-30-4-D-40-1K-14	N/A	30	4	4400 / 4600 lm	✓
	<b>S</b> G2CLA-24-2-D-40-1K-14	G2C14D2L40	24	2	3300 / 3400 lm	✓
(2) F48T5/HO	<b>R</b> G2CLA-30-4-D-40-1K-14	N/A	30	4	4400 / 4600 lm	✓
	<b>U</b> G2CLA-45-4-D-40-1K-14	N/A	45	4	6200 / 6500 lm	✓

KIT OPTIONS - Improve upon *Quality of Light™*

**R RECOMMENDED**

Matches Lamps, Maintains Mean Lumens

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**S SMART SAVER OPTION**

Reduces Lamps, Maintains Mean Lumens

\*DLC QPL listed in 4000K & 5000K



# Section B

Section B of this Guide is your tool for exploring the vast potential and flexibility of the GEN2 CLARIS LED Retrofit Kit. Use the performance table below to generate the best kit to replace your existing system, whatever it may be. For standard retrofitting recommendations, refer to [Section A](#) of this Guide (p.3).

**Think Outside The Tube™.** Finally — there is a modular and versatile fluorescent replacement solution that offers unprecedented lifetime, efficacy, ease of installation, and affordability; effectively redefining the LED Retrofit Kit.

## Go Ahead, **Think Outside The Tube™**



















<b>KEY</b>	<b>CRI</b>	<b>STRIPS</b>	<b>AVAILABLE COLOR TEMP</b>	<b>VOLTS</b>
 <b>efficiency</b>	Up to 86 CRI for all kits	21.25" length, 1" width, 0.11 lbs	2700K / 3000K / 3500K 4000K / 5000K	120 - 277 VAC
 <b>quickest ROI</b>				

Table below indicates strip performance specifications and light levels for the GEN2 Claris LED Retrofit 1K Kit. Please request GEN2 Claris LED Retrofit Kit Data Sheets for further info regarding lifetime, payback, driver performance, photometrics, etc.

MODEL	WATTAGE	# OF LED STRIPS	WATTS/STRIP	LM/W*	TOTAL LUMENS*	L80 LIFETIME**	
G2CLA-16	16	2	8	144	2304	220K hrs.	
		3	5.3	153	2448	850K hrs.	
		4	4	158	2528	850K hrs.	
G2CLA-24	24	2	12 <sup>MAX†</sup>	132	3168	110K hrs.	
		3	8	144	3456	220K hrs.	
		4	6	151	3624	630K hrs.	
		6	4	158	3870	850K hrs.	
G2CLA-30	30	3	10	142	4260	130K hrs.	
		4	7.5	150	4500	220K hrs.	
		6	5	160	4800	850K hrs.	
		8	3.75	164	4920	850K hrs.	
G2CLA-45	45	4	11.25	138	6210	110K hrs.	
		6	7.5	151	6795	250K hrs.	
		8	5.625	157	7065	850K hrs.	
G2CLA-68	68	6	11.3	139	9452	110K hrs.	
		8	8.5	148	10064	190K hrs.	

To ensure LED lifetime and efficacy, maximum Watts/Strip <12

\*Efficacy and total lumen values based on 5000K CCT & D power supply option

\*\*L80 LED lifetime in operation hours before an LED system reaches 80%

†Max watts per LED strip

**Not seeing the configuration you need?**

Consult your local representative for additional options.

Note: LED Living Technology maintains a tolerance of +/- 10% for all measurements.

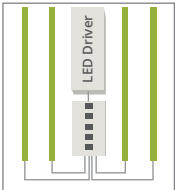


# RETROFLEXIBILITY CHART

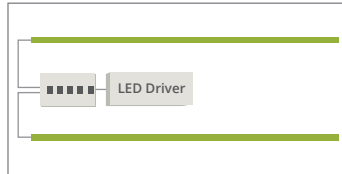
**Explore.** The Claris LED Retrofit Kit is the most versatile fluorescent replacement LED Retrofit Kit on the market – a door-opener for specifiers looking to embrace LED in a way that best supports their performance and energy savings needs.



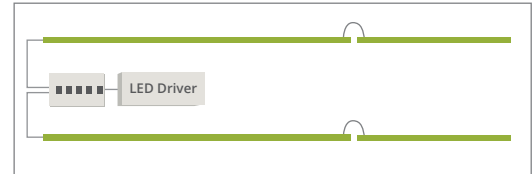
**1x1** Model# G2CLA-16-2-X-YY-1K-11  
G2CLA-24-2-X-YY-1K-11



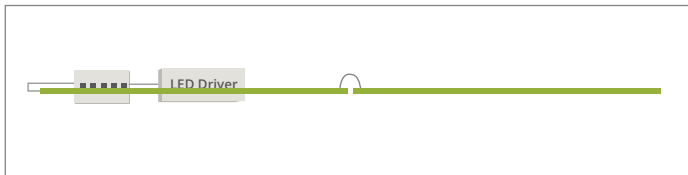
**1x2** Model# G2CLA-16-2-X-YY-1K-12  
G2CLA-24-2-X-YY-1K-12



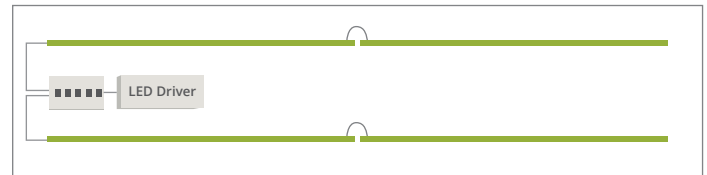
**1x3** Model# G2CLA-16-3-X-YY-1K-13  
G2CLA-24-3-X-YY-1K-13 • G2CLA-30-3-X-YY-1K-13



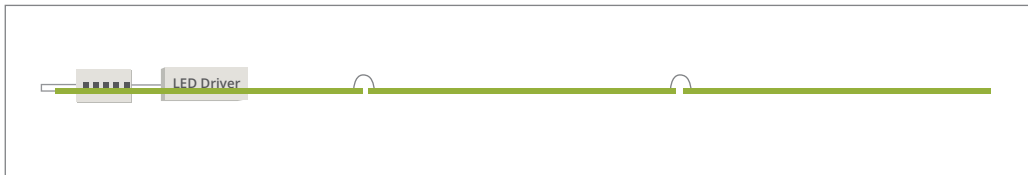
**1x4 1 Lamp** Model# G2CLA-16-4-X-YY-1K-14  
G2CLA-24-4-X-YY-1K-14



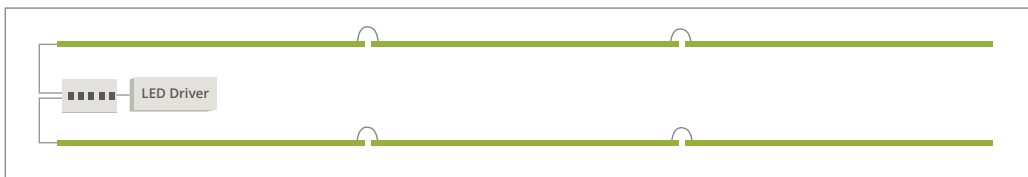
**1x4 2 Lamp** Model# G2CLA-16-4-X-YY-1K-14 • G2CLA-24-4-X-YY-1K-14  
G2CLA-30-4-X-YY-1K-14 • G2CLA-45-4-X-YY-1K-14



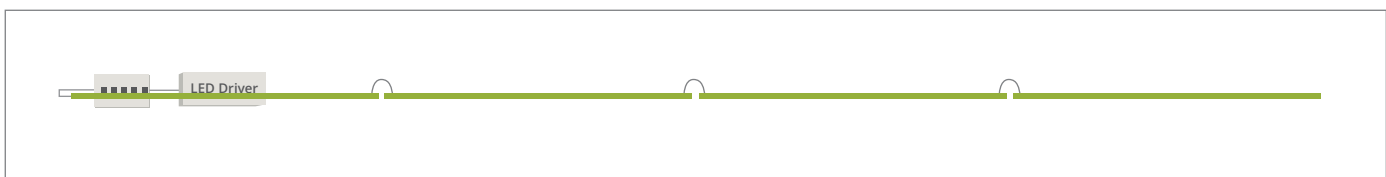
**1x6 1 Lamp** Model# G2CLA-24-3-X-YY-1K-16 • G2CLA-30-3-X-YY-1K-16  
G2CLA-45-3-X-YY-1K-16



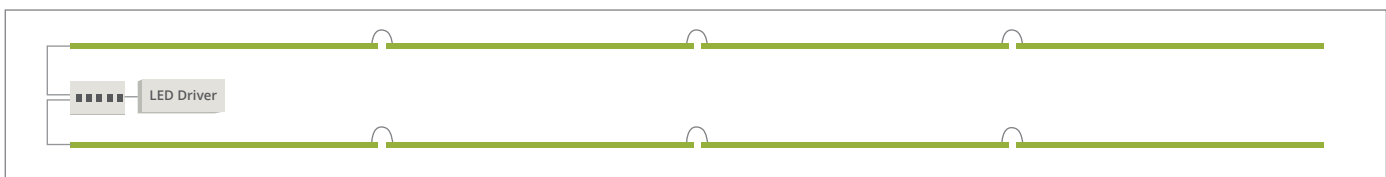
**1x6 2 Lamp** Model# G2CLA-24-6-X-YY-1K-16 • G2CLA-30-6-X-YY-1K-16  
G2CLA-45-6-X-YY-1K-16 • G2CLA-68-6-X-YY-1K-16



**1x8 1 Lamp** Model# G2CLA-24-4-X-YY-1K-18 • G2CLA-30-4-X-YY-1K-18  
G2CLA-45-4-X-YY-1K-18

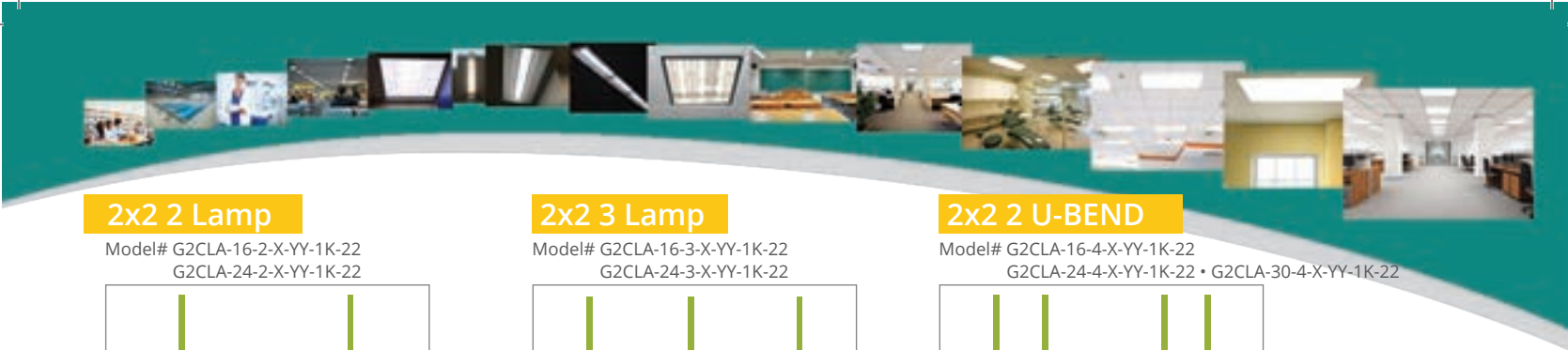


**1x8 2 Lamp** Model# G2CLA-24-8-X-YY-1K-18 • G2CLA-30-8-X-YY-1K-18  
G2CLA-45-8-X-YY-1K-18 • G2CLA-68-8-X-YY-1K-18



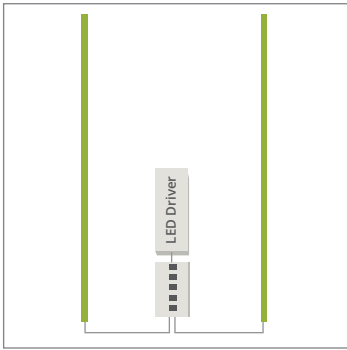
**One strip, countless solutions.** Your lighting toolbox just got bigger, or smaller depending on how you look at it! Stack them up, or daisy chain them in a row, your ceiling height is the limit with these extremely flexible retrofit kits.

**Don't see the configuration you need here?** GEN2 Claris Kits are UL1598c approved in a variety of housings not shown in this chart. Contact your local LED Lighting Representative at [ledlivingtechnology.com/where-to-buy](http://ledlivingtechnology.com/where-to-buy) for more information.



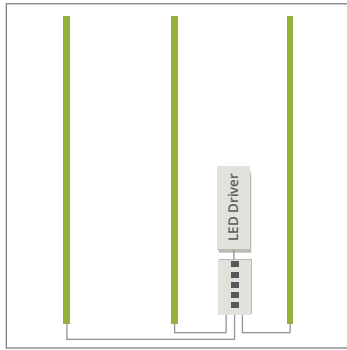
### 2x2 2 Lamp

Model# G2CLA-16-2-X-YY-1K-22  
G2CLA-24-2-X-YY-1K-22



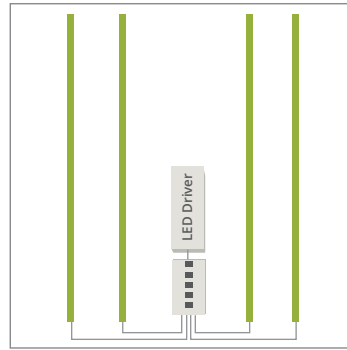
### 2x2 3 Lamp

Model# G2CLA-16-3-X-YY-1K-22  
G2CLA-24-3-X-YY-1K-22



### 2x2 2 U-BEND

Model# G2CLA-16-4-X-YY-1K-22  
G2CLA-24-4-X-YY-1K-22 • G2CLA-30-4-X-YY-1K-22

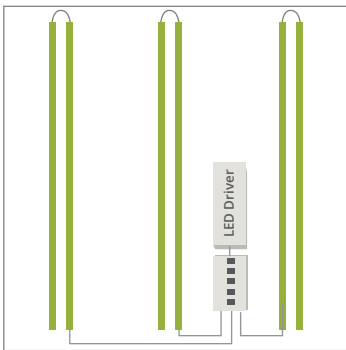


#### MODEL# KEY

**X** = Power supply  
**YY** = Color temperature CCT.  
EXAMPLE:  
G2CLA-16-4-**D**-40-1K

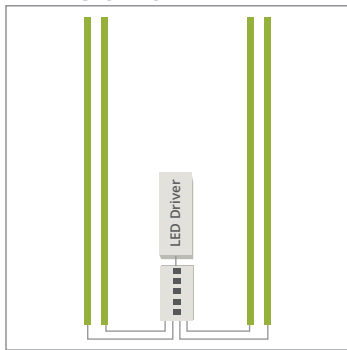
### 2x2 Triple Biax

Model# G2CLA-45-6-X-YY-1K-22



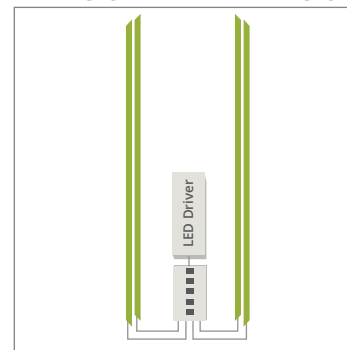
### 2x2 Double Biax

Model# G2CLA-30-4-X-YY-1K-22  
G2CLA-45-4-X-YY-1K-22



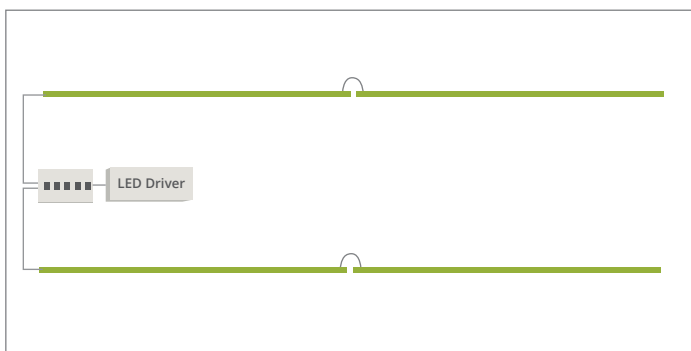
### 2x2 Direct/Indirect Troffer

Model# G2CLA-16-4-X-YY-1K-22  
G2CLA-24-4-X-YY-1K-22 • G2CLA-30-4-X-YY-1K-22



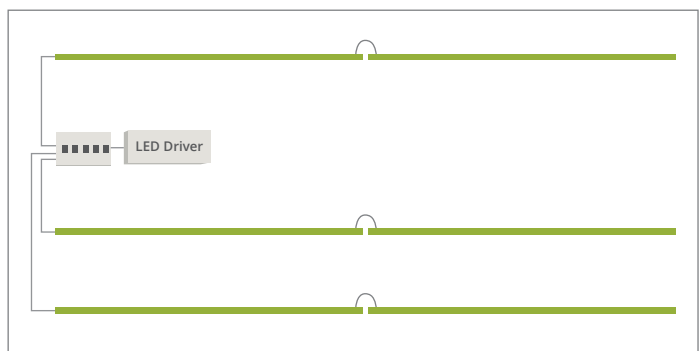
### 2x4 2 Lamp

Model# G2CLA-16-4-X-YY-1K-24 • G2CLA-24-4-X-YY-1K-24  
G2CLA-30-4-X-YY-1K-24 • G2CLA-45-4-X-YY-1K-24



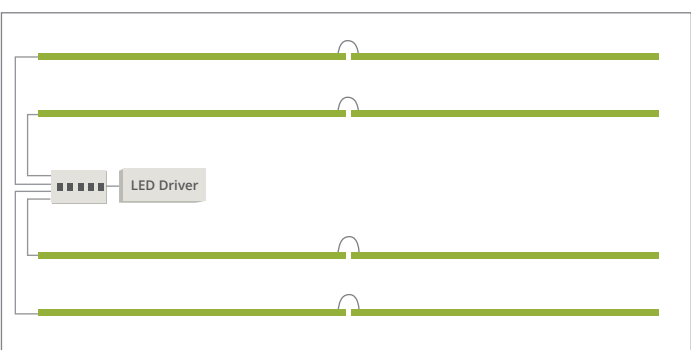
### 2x4 3 Lamp

Model# G2CLA-24-6-X-YY-1K-24 • G2CLA-30-6-X-YY-1K-24  
G2CLA-45-6-X-YY-1K-24 • G2CLA-68-6-X-YY-1K-24



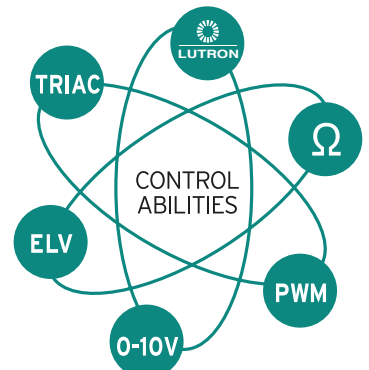
### 2x4 4 Lamp

Model# G2CLA-30-8-X-YY-1K-24 • G2CLA-45-8-X-YY-1K-24  
G2CLA-68-8-X-YY-1K-24



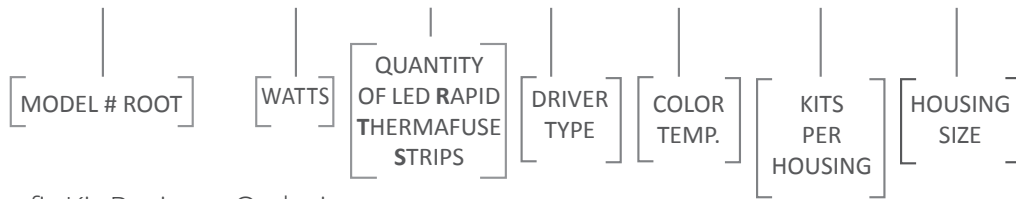
### CONTROL YOUR SAVINGS.

When it comes to retroflexibility, a slim profile and flexible installation method is only the beginning. The GEN2 CLARIS LED Retrofit Kit is all about controls systems compatibility with a variety of options: 0-10V, TRIAC, ELV, PWM, **LUTRON**, 2 Wire & 3 Wire Dimming. And for those hard-to-fit configurations where a smaller sized LED Power Supply is a must-have, GEN2 Retrofit Kits deliver, with sizes available as small as L 3.3" x W 1.57" x H 1".



# Ordering

## G2CLA - 30 - 4 - D - 40 - 1K - 24



CLARIS LED Retrofit Kit Projects Ordering: † See Data Sheets for Quick Ship ordering

Root	Watts	Driver	LED Color Temp	Kits Per Housing	Housing			
G2CLA	16-2 - 16W, 2 RTS	D - Standard 0-10V/PWM/Resistance Dimmable to 10%	27 - 2700K	1K - Single Kit	11 - 1'x1'			
	16-3 - 16W, 3 RTS		T - 0-10V/TRIAC Reverse or Forward Phase / Leading Edge 120V Only; ELV Reverse-Phase or Trailing Edge; Dimmable to 1% [16W, 24W, 30W Only]	30 - 3000K	2K - Doubled Kit	12 - 1'x2'		
	16-4 - 16W, 4 RTS			35 - 3500K		13 - 1'x3'		
	24-2 - 24W, 3 RTS			E - LUTRON; EcoSystem Digital Controls; Dimmable to 5%* [24W, 30W, 45W Only]		40 - 4000K**	14 - 1'x4'	
	24-3 - 24W, 4 RTS					A - LUTRON 3 WIRE DIMMING; EcoSystem Digital Controls; Dimmable to 1%* [16W, 24W, 30W Only]	50 - 5000K**	16 - 1'x6'
	24-4 - 24W, 3 RTS							18 - 1'x8'
	30-3 - 30W, 3 RTS						22 - 2'x2'	
	30-4 - 30W, 4 RTS		24 - 2'x4'					
	30-6 - 30W, 6 RTS		44 - 4'x4'					
	30-8 - 30W, 8 RTS							
	45-4 - 45W, 4 RTS							
	45-6 - 45W, 6 RTS							
	45-8 - 45W, 8 RTS							
	68-6 - 68W, 6 RTS							
	68-8 - 68W, 8 RTS							

\*FCC Part 15 compliant for commercial applications 120V~ or 277V~ \*\*DLC QPL listed only in 3000K, 3500K, 4000K and 5000K. See DLC QPL for accurate list of SKUs. 16W Kits in 3000K and 3500K are DLC QPL listed in 1x4 and 2x4 only.

### Lens Ordering:

Glare Management Lens	Lens Size
<b>LENS</b> - Nea Beam-Shaping Isotropic Lens[Standard], 0.033" thickness for Prismatic Lens overlay	22 - 22 1/4" X 22 1/8" 14 - 46 1/2" X 10 1/2" 24 - 46 1/2" X 22 1/4"
<b>PLENS</b> - Opalescent Film (non-rigid), 0.010" thickness (For Parabolic/Egg-Crate Conversion Only)	XXX - CUSTOM BLANK - SL21
<b>SL21</b> - 21" Frosted Snap-On individual LED Strip diffuser cover	

### Emergency Battery Pack Ordering:

Root	Emergency Battery Pack	Mounting Options
CLA	<b>EM5</b> - >800 lumens / 5 Watts <b>EM7</b> - >1200 lumens / 7 Watts <b>EM10</b> - >1600 lumens / 10 Watts	<b>Blank</b> - Standard Integral Style No-Flex Unit <b>TM**</b> - Top Mount Non-Flex Unit <b>A**</b> - External Mount Dual Flex Unit <b>J**</b> - Box Mount Unit Single Flex Junction Box <b>R**</b> - Dual Flex w/Reflector-Mount <b>R-J**</b> - Single Flex w/Reflector-Mount

SEE CLA-EM DATA SHEET FOR DETAILS

### OPTICS / diffusers

All GEN2 Claris LED Retrofit Kits are compatible with various optional diffusers. Isotropic lenses can be paired with existing prismatic lenses while the Opalescent film can provide your parabolic a more modern look. Utilize our **snap-on LED Strip lens cover** for open, non-lensed fixtures, cove lit areas, or maintain the original look of your parabolic.



SL21



LENS22

Isotropic Beam-Shaping Lens  
(For overlaying existing Prismatic Diffuser)



PLENS22

Opalescent Film Glare Management Lens  
(For overlaying existing Parabolic/Egg-Crate Louver)

Before ordering your GEN2 Claris LED Retrofit Kit, consult your local LED Living representative to discuss options relative to your project. Please also reference the data sheet for your kit to find complete model specifications including CRI, driver performance, polar plots, etc.

SAMPLE ORDER #:

1<sup>st</sup> Line Item (Kit): G2CLA-30-4-D-40-1K-24

2<sup>nd</sup> Line Item (Lens): LENS24