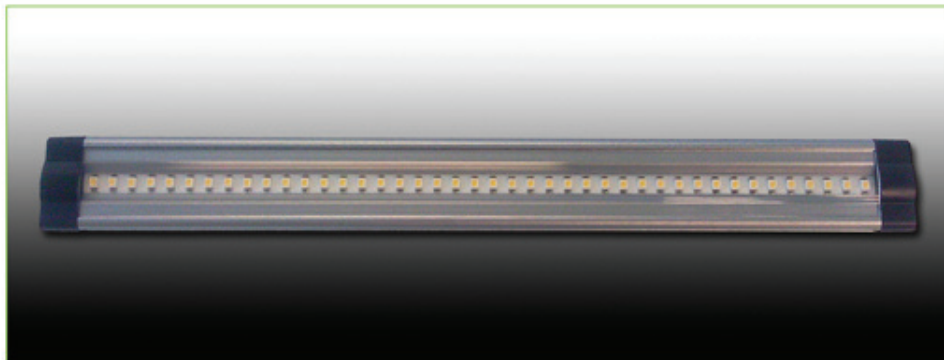# Extremely Thin LED Under Cabinet Linear Lights
Prod. Names: FL-C01 Series

Ref. Name & Colors:
Ref. Name: **FL-C01 (24VDC)**

FL-C01L1 (12") Warm White

FL-C01L2 (20") Warm White

FL-C01L3 (39") Warm White

Benefits:
- Energy saving up to 50% compared with fluorescents
- Life span of over 50,000 hours
- Easy installations and linking for up to 36 watts per run
- No harmful ultraviolet (UV) rays
- Available in three different sizes

Features:

Futura Lighting's FL-C01 Led Linear Undercabinet Light is an excellent choice for illuminating undercabinets, showcases, closets, or anywhere a low-profile light source is needed. This extremely thin Led Linear Undercabinet Light source is made from aluminum construction with a patented optical system for optimum light distribution. With the use of connectors, several light bars can be joined together, for a beautiful continuous light. The fixture comes with a Straight Connector (Item #5), for joining two bars together, 40" Wire Connector (Item #2), for joining two bars together, as well as Aluminum Mounting Clips (Item #6). A 90º Corner Connector (Item #4), Power Feed Wire Connector (48") for remote transformer (Item #3), and 24W Plug-in Transformer with 6ft wire leads (Item #1) are also available, but sold separately. The FL-C01 operates at 24VDC. It can be made dimmable using Futura Lighting's Dimmable Power Supplies. The single Led Linear Undercabinet Light comes in three different sizes (L1-12"; L2-20"; L3-39").

UL Approved

Dimensions: 1 1/4"(width) x 1/4" (height) x "Length" (L = 12" or 20" or 39")

Materials: Aluminum extrusion with black plastic end caps, Acrylic Lens

Light Source: High Brightness SMD3528 LED

Operating Temperature: -20°C to 40°C - Indoors

Warranty: 2 year with proper installation and power supply

Installation: 2 Mounting Clips and 2 M3.0 screws make it easy to install

Color Temp.: 3000k - Warm White

Voltage: 24Volts

Power: 12"/3Watts; 20"/5Watts; 39"/11Watts

Luminous Flux: 12"/200lm; 20"/350lm; 39"/700lm.

Current: 0.18A

Power supply: Choose from the ones below

Technical Operating Data:

Product	Length	Color	# of LEDs	Voltage	Power	Radiance	Color Temp	Lumens
	[inches]		[pcs]	[V DC]	[W]	Angle [°]	[K]	[lm]
FL-C01L1	L=12"	Warm White	42	24V	3W	90	3000K	200
FL-C01L2	L=20"	Warm White	72	24V	5W	90	3000K	350
FL-C01L3	L=39"	Warm White	144	24V	11W	90	3000K	700

Compatible LED Drivers:

Dimmable

***FL-50W-24V-LED-DIM**	(50W, Input 120V 50/60Hz, Output 24VDC)
FL-100W-24V-LED-DIM	(100W, Input 120V 50/60Hz, Output 24VDC)
FLM-200W-24V-LED-DIM	(200W, Input 120V 50/60Hz, Output 24VDC)
FLM-300W-24V-LED-DIM	(300W, Input 120V 50/60Hz, Output 24VDC)

***New small-sized unit: (LxWxH) 6" x 2" x 1 3/8"

Non-Dimmable

FL-24W-24V-U PLUG-IN	(24W, Input 120V 50/60Hz, Output 24VDC)
LED-10W-24VDC	(10W, Input 95-265V 50/60Hz, Output 24VDC)
LED-60W-24VDC	(60W, Input 100-277V 50/60Hz, Output 24VDC)
LED-100W-24VDC	(100W, Input 100-277V 50/60Hz, Output 24VDC)

Led Linear Undercabinet Light Parts:

1) **FL-24W-24V-U PLUG-IN:** Plug in 24 watt transformer, Non-Dimmable
2) **FL-CONN-WIRE:** Joiner Connector (40" wire) **Included**
3) **FL-CABLE-RE:** Power Feed (48" wire lead w/ connector)
4) **FL-CORN:** 90º Corner Connector
5) **FL-CONN-MINI:** Straight Connector **Included**
6) **FL-CLIP:** Mounting Clip **Included**

When the following parts are used, add these measurements to the length of the light:
1 1/2" when using the **FL-CORN** | **5/8"** when using the **FL-CONN-MINI**
3" when using the **FL-CABLE-RE**