

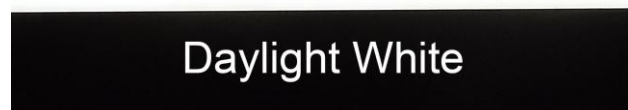
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser- 120 Volt AC



An extremely popular line of LED under cabinet lights from Maxlite just got better! These are brighter, have higher Color Rendering Index, they have built-in diffusers and they now have grounded accessory cords and feature ETL safety ratings. These High Brightness Plug-and-Play LED under cabinet bars from MaxLite offer three major advantages over most LED undercabinet bars:

1. They are “self-driven,” which means you can connect them directly to 120 Volts AC. They do not require discrete “drivers” which step down and rectify 120 Volts AC to a lower DC voltage, required by LEDs. Therefore, installation is simpler.
2. They are dimmable, using specific dimmers we recommend.
3. They have built-in diffusers to eliminate hot spots, without additional assembly or parts.

They are available in two hues of white: warm (2,700°K) and daylight (5,000°K). The Plug-and-Play bars also come in two lengths to fit your custom needs: 6 inch and 12 inch. **We strongly recommend the warm white, especially for residential use.**





12 inch Warm White LED Bar
2,700°K



12 inch Daylight White LED Bar
5,000°K



6 inch Warm White LED Bar
2,700°K



6 inch Daylight White LED Bar
5,000°K

The 12 inch self-driven bars come in three brightness levels, achieved by using differing numbers of LEDs: 12, 18 or 33. **We recommend the 33 LED bars because they are brighter. You can dim them if you need to.** Get the 12 or 18 LED bars if economy is the most important factor.

The 6 inch self-driven bar comes in one brightness level and contains 9 LEDs in total. This is equivalent to the brightness and density of LEDs in the 12 inch bar with 18 LEDs. The 6 inch bars are good companions for the 12 inch bars with 18 LEDs, due to the fact that they have the same lineal light density.

<u>Description</u>	<u>Part Number</u>	<u>Ordering Code</u>
LED Light Bars		
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 9 LEDs, 6 inch Warm White	MLSDLB9627LED	71217
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 12 LEDs, 12 inch Warm White	MLSDLB1227LED	71215
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 18 LEDs, 12 inch Warm White	MLSDLB1827LED	71213
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 33 LEDs, 12 inch Warm White	MLSDLB3327LED	71211
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 9 LEDs, 6 inch Daylight White	MLSDLB9650LED	71218
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 12 LEDs, 12 inch Daylight White	MLSDLB1250LED	71216
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 18 LEDs, 12 inch Daylight White	MLSDLB1850LED	71214
MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser, 33 LEDs, 12 inch Daylight White	MLSDLB3350LED	71212
MaxLite Plug-and-Play 120 Volt Bar to Power Connector, 3-Wire (70 inches long)	MLSDLBJL70G	71221
MaxLite Plug-and-Play 120 Volt Connector Cord, 3-Wire (40 inches long)	MLSDLBJL40G	71219
MaxLite Plug-and-Play 120 Volt Power Cord, 3-Wire (48 inches long)	MLSDLBLC48G	71225
MaxLite Plug-and-Play 120 Volt Light Bar Connection Box, 3-Wire	MLSDLBCONNG	71222

Use our top quality linkable Plug-and-Play LED under cabinet lighting in kitchens, dens, entertainment centers, laundry rooms, closets—anywhere you want great light in a tight space. They're easy to wire, bright and dimmable, too! They barely use any power, so you'll save on electricity costs.

These bars comply with California Title 24

<u>Part #</u>	<u>lumens</u>	<u>watts</u>	<u>lumens/ watt</u>
Warm White			
MLSDLB9627LED	125	2.7	46.3
MLSDLB1227LED	184	3.6	51.1
MLSDLB1827LED	292	5.4	54.1
MLSDLB3327LED	466	9.9	47.1
Daylight White			
MLSDLB9650LED	140	2.7	51.9
MLSDLB1250LED	200	3.6	55.6
MLSDLB1850LED	310	5.4	57.4
MLSDLB3350LED	475	9.9	48.0

Each bar includes several accessories, including:

- 2 mounting clips and screws;
- 2 double-sided foam tape pieces, in case you elect not to use the clips;
- a short connector cord to connect to a nearby bar;
- a bar joiner; and
- 2 end pieces: one to cover the end of the bar, plus one spare.

A power cord is NOT included.



6 inch LED Bar and accessories



12 inch LED Bar and accessories

You should buy either a bare wire connector or a power cord with plug:



70" Bar to Power Cable
MLSDBJL70G



48" Power Cord
MLSDBLC48G

You might also consider buying the other two accessories:

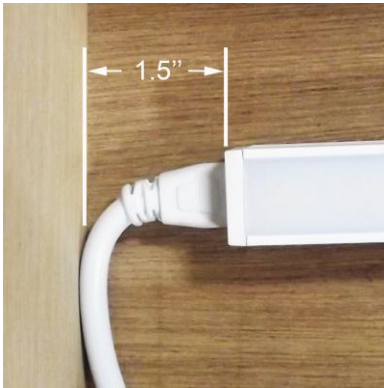


40" Bar to Bar Cable
MLSDLBJL40G

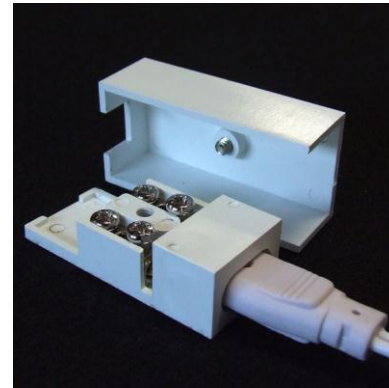


Connector Box
MLSDLBCONNG

Typical connection situations:

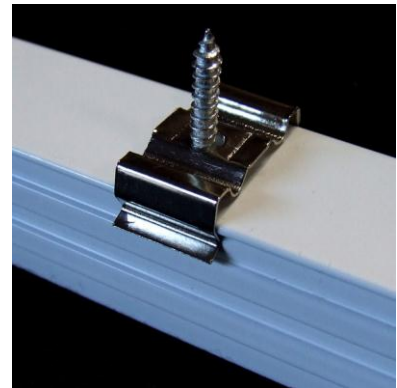
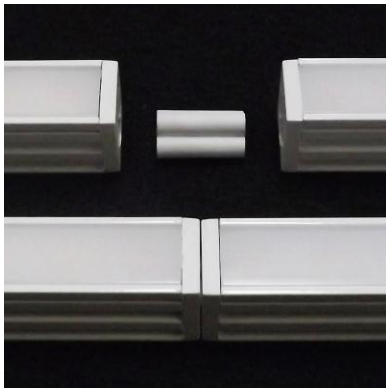


1.5" Needed to Turn Cord



3-Screw Terminal Block
For Hard Wiring Using
MLSDLBCONNG

The bars are easy to link or connect, and the mounting clip holds the bars securely:



The bar is very slim and compact. It is only 0.85 inch high (slightly more with the clip.) It is a bit taller than the HBSW and HBNW bars we sell:



Recommended Dimmers

For the 18 and 33 LED bars, we recommend the Lutron Diva CFL/LED dimmer (DVCL-153P.) We sell it in seven colors (white, ivory, light almond, almond, black, brown and gray. For the 12 and 18 LED bars, we recommend the Lutron Skylark Contour CFL/LED dimmer (CTCL-153P.) We also sell it in seven colors.

The Ariadni works great on all the bars.



Diva
[DVCL-153P](#)



Skylark Contour
[CTCL-153P](#)



Ariadni
[AYCL-153P](#)

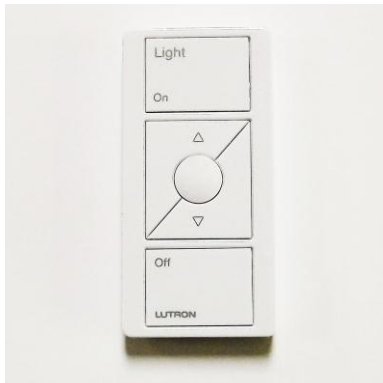
For all the bars, our favorite dimmer is the Lutron Maestro Wireless Electronic Low Voltage Dimmer (MRF2-6ELV-120-WH.) It's more expensive than the others, but affords wireless dimming, if you buy the companion part, the Pico Wireless Remote Control: PJ-3BRL-GWH-I01 or PJ-3BRL-GWH-T01.



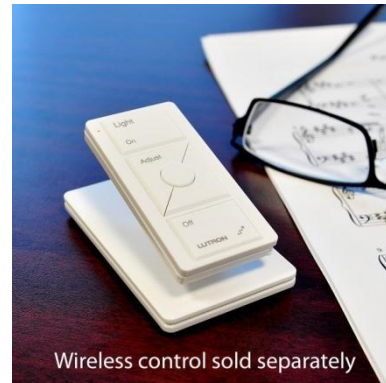
Lutron Maestro Wireless ELV Dimmer (Spec. Grade) 600 Watt
[MRF2-6ELV-120-WH](#)



Lutron Pico Wireless Control 3-Button and Raise/Lower with icon engraving
PJ-3BRL-GWH-I01



Lutron Pico Wireless Control Dimmer (Spec. Grade) 600 Watt
PJ-3BRL-GWH-T01



Wireless control sold separately
Lutron Pico Wireless Control Single Pedestal
[L-PED1-WH](#)

Detailed Dimming Test Results:

This chart shows achievable dimming, at the low end, in percent, of the high end brightness. Perceived dimming = square root of measured dimming. Example: 20% measured = 45% perceived. Best dimmers are in dark green. Next best dimmers are in light green.

Part Number	LED/CFL Dimmers							
	Lutron Diva		Lutron Skylark Contour		Lutron Ariadni		Lutron Credenza Lamp Dimmer	
	DVCL-153P No Neutral Wire		CTCL-153P No Neutral Wire		AYCL-153P No Neutral Wire		TTCL-100H No Neutral Wire	
	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)
MLSDLB12WWLED	1%	10%	1%	10%	1%	9%	28%	53%
MLSDLB12DLLED	not too smooth							
MLSDLB18WWLED	1%	8%	1%	8%	0%	0%	9%	29%
MLSDLB18DLLED								
MLSDLB33WWLED	1%	8%	13%	37%	0%	0%	6%	25%
MLSDLB33DLLED			adjust low-end trim				flickers <6%	

Part Number	Electronic Low Voltage Dimmers										Phase Adaptive	
	Lutron Diva		Lutron Skylark		Leviton Vizia		Lutron Vierti		Lutron Maestro Wireless		Lutron Radio RA2	
	300 Watt DVELV-303P Neutral Wire		300 Watt SELV-303P Neutral Wire		600 Watt VPE06-1 Neutral Wire		600 Watt VTELV-600M Neutral Wire		600 Watt MRF2-6ELV-120 Neutral Wire		450 Watt, 600 VA RRD-6NA Neutral Wire	
	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)
MLSDLB12WWLED	not compatible		not compatible		20%	45%	insufficient load		8%	28%	8%	27%
MLSDLB12DLLED												
MLSDLB18WWLED	8%	28%	7%	27%	6%	25%	insufficient load		2%	15%	2%	15%
MLSDLB18DLLED												
MLSDLB33WWLED	0%	7%	0%	5%	0%	6%	0%	6%	0%	7%	0%	0%
MLSDLB33DLLED												

"Pop-on" means the lights do not come on smoothly from the bottom. As you brighten the lights, they "pop-on."

"Bounce-back" means the lights dim as expected until near the bottom, when they get brighter, even as you continue to move the slider down.

"Dead Travel" means that moving the slider through part of its range (usually the top end), will not change brightness.

Not compatible with most Magnetic Low Voltage dimmers.

Dimmers that have a neutral wire require that the neutral wire be present in the gang box. Most newer construction has the neutral wire in the box.

Test results were made with only one unit on a dimmer at a time. This is the most difficult condition. More bulbs or bars=better dimming.

Features of the MaxLite Plug-and-Play Dimmable Under Cabinet Light Bar with Diffuser

- Dimmable high brightness LEDs create state-of-the-art LED lighting.
- Built in diffusers for automatic reduction of hot spots.
- ETL safety rating, with grounded 3-wire connections throughout.
- 125/184/292/466 lumens for the 9/12/18/33 Warm White LED bars and 140/200/310/475 lumens for the 9/12/18/33 Daylight White LED bars. For comparison, a 60 watt incandescent bulb generates around 650 lumens, but it cannot be used effectively for under cabinet lighting because it is not directional. The 18 and 33 LED under cabinet bars generate the requisite 30-70 footcandles at the work plane if used in lines of 12 inches or longer. Use jumpers to add additional lights if extra brightness is required.
- 6 inch bars with 9 LEDs are available and work well with the 12 inch bars that have 18 LEDs, because the lineal light density is the same.
- 81 Color Rendering Index.
- LEDs are directional, unlike fluorescent and halogen lighting. That means the light shines where you aim it (typically down,) delivering most of the flux to the work surface. Fluorescent and halogen lights have very poor “fixture efficiency” of around 50-60% in most cases, which means half of their lumens are lost in the fixture and are not delivered to the work surface. Therefore, LEDs typically need only half as many lumens as fluorescent sources to get the job done for directional lighting applications such as under cabinet lighting. You will probably find one 33-LED bar is enough for your application, but you may decide to add one or more additional bars in parallel. They’re very compact.
- Extremely easy to install because they’re linkable and come with 2 mounting brackets that require just a screw driver and a small hole to install. The branch length limit is 30 bars. (Do not link more than 30 bars end-to-end.)
- Strip width is 0.8 inches-very narrow, and suitable for tight spaces.
- Strip height is 0.85 inches. It’s low-profile and hides under most cabinet fronts, unlike bulkier LED and fluorescent fixtures.
- 1 bar joiner and 1 short connector cord are included with each bar.
- Line voltage system is easy to wire. Just connect to a switch or recommended dimmer.
- -40° F to 110° F operating range
- Shock resistant, rugged and durable. Maintenance-free.
- No UV generated, so it’s safe for humans and objects, in general. Great for museums, displaying documents, artwork and other UV-sensitive subjects.
- No mercury to contaminate the environment upon disposal, unlike fluorescents.
- Energy-efficient-saves around 85-90% versus incandescent light.
- No radio frequency interference.
- No buzzing noise.
- No flickering.
- Instant on.
- Lights have up to 50,000 hour lifetime, if properly driven and heat is allowed to escape.
- California Title 24 compliant.
- 5 year warranty from MaxLite.

Applications

- Under cabinet lighting, closet and indirect cove lighting applications
- Freezer/Cold Case
- Display cases
- Cubicles
- Work benches
- Back lighting signs
- Hotels, office buildings, homes, casinos, wine cellars, yachts, home theaters
- Downlighting and uplighting architectural features

Instructions

Please take the following general precautions when installing any sort of LED lighting:

1. This equipment, like all electrical equipment, should be installed by a qualified person. You should have the basic tools and knowledge of the trade. If you do not, get help.
2. Never wire systems with the power on. Even if you take care not to hurt yourself, you may damage the LEDs or equipment by creating current spikes. Always shut the power off before making connections.
3. Do not expose LEDs, controllers or other electronics to intense electro-magnetic fields, including lightning.
4. These products are not waterproof. Keep them dry.

Check List for Your Project

Here are the components you'll need:

Light bar(s):



MLSDLB96XXLED



MLSDLB12XXLED
MLSDLB18XXLED
MLSDLB33XXLED

Power cord, with or without plug:



MLSDLBJL70G



MLSDLBLC48G

Optional accessories:



MLSDLBCONNG



MLSDLBJL40G



Dimmer

Self-Driven LED Linkable Dimmable Under Cabinet Lighting - 120 Volt AC



These High Brightness LED under cabinet bars from MaxLite offer two major advantages over most LED undercabinet bars:

4. They are “self-driven,” which means you can connect them directly to 120 Volts AC. They do not require discrete “drivers” which step down and rectify 120 Volts AC to a lower DC voltage, required by LEDs. Therefore, installation is simpler.
5. They are dimmable, using specific dimmers we recommend.

They are available in two hues of white: warm (2,700°K) and daylight (5,000°K). We strongly recommend the warm white, especially for residential use.



12 inch Warm White LED Bar
2,700°K



12 inch Daylight White LED Bar
5,000°K

The self-driven bars come in three brightness levels, achieved by using differing numbers of LEDs: 12, 18 or 33. We recommend the 33 LED bars because they are brighter. You can dim them if you need to. Get the 12 or 18 LED bars if economy is the most important factor.



Description	Part Number
LED Light Bars	
Self-Driven Dimmable Under Cabinet Light, 12 LEDs, 12 inch Warm White	MLSDLB12WWLED
Self-Driven Dimmable Under Cabinet Light, 18 LEDs, 12 inch Warm White	MLSDLB18WWLED
Self-Driven Dimmable Under Cabinet Light, 33 LEDs, 12 inch Warm White	MLSDLB33WWLED
Self-Driven Dimmable Under Cabinet Light, 12 LEDs, 12 inch Daylight White	MLSDLB12DLLED
Self-Driven Dimmable Under Cabinet Light, 18 LEDs, 12 inch Daylight White	MLSDLB18DLLED
Self-Driven Dimmable Under Cabinet Light, 33 LEDs, 12 inch Daylight White	MLSDLB33DLLED
120 Volt Bar to Power Connector, 2-Wire Out (70 inches long)	MLSDLBJL70
120 Volt Connector Cord (40 inches long)	MLSDLBJL40
120 Volt Power Cord (48 inches long)	MLSDLBLC
120 Volt Light Bar Connection Box	MLSDLBCONN

Use our top quality linkable LED under cabinet lighting in kitchens, dens, entertainment centers, laundry rooms, closets—anywhere you want great light in a tight space. They’re easy to wire, bright and dimmable, too! They barely use any power, so you’ll save on electricity costs.

These bars comply with California Title 24.

Part #	lumens	watts	lumens/ watt
MLSDLB12WWLED	75	1.5	50.0
MLSDLB12DLLED	75	1.5	50.0
MLSDLB18WWLED	110	2.4	45.8
MLSDLB18DLLED	110	2.4	45.8
MLSDLB33WWLED	200	3.3	60.6
MLSDLB33DLLED	200	3.3	60.6

The luminous flux of the MaxLite bars are compared in the chart below to the extremely popular EnvironmentalLights.com 12 inch bars (soft white 3,000°K and neutral white 4,000°K.) As you can see, the EnvironmentalLights.com bars are brighter than the MaxLite bars.

Part Number	luminous flux (lumens)	correlated color temperature (°K)	Manufacturer
MLSDLB12WWLED	75	2,700	MaxLite
MLSDLB12DLLED	75	5,000	MaxLite
MLSDLB18WWLED	110	2,700	MaxLite
MLSDLB18DLLED	110	5,000	MaxLite
MLSDLB33WWLED	200	2,700	MaxLite
MLSDLB33DLLED	200	5,000	MaxLite
HBSW12	240	3,000	EnvironmentalLights
HBNW12	270	4,000	EnvironmentalLights

Below are some pictures intended to give you an idea of the brightness of the bars we sell, compared to each other. The neutral white (HBNW12) is notably warmer, at 4,000°K, than the daylight bars below it, at 5,000°K. Unfortunately, it is difficult to see the contrast in the photograph, due to saturation of colors.



Warm/Soft White

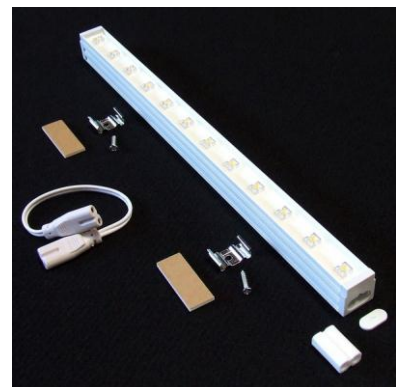


Neutral/Daylight White

Each bar includes several accessories, including:

- 2 mounting clips and screws;
- 2 double-sided foam tape pieces, in case you elect not to use the clips;
- a short connector cord to connect to a nearby bar;
- a bar joiner; and
- an end piece to cover the end of the bar.

A power cord is NOT included.



You should buy either a bare wire connector or a power cord with plug:



70" Bar to Power Cable
[MLSDLBJL70](#)



48" Power Cord
[MLSDLBLC](#)

You might also consider buying the other two accessories:



40" Bar to Bar Cable
[MLSDLBJL40](#)



Connector Box
[MLSDLBCONN](#)

Typical connection situations:

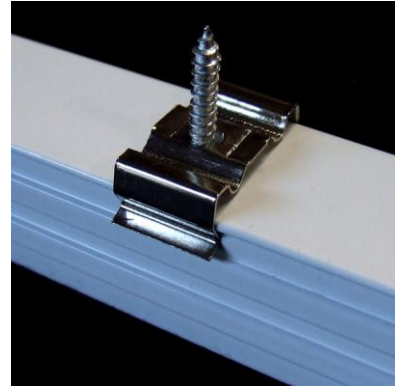
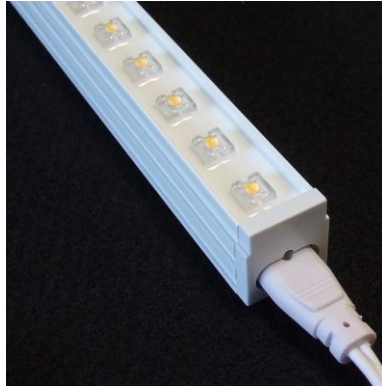


1.5" Needed to Turn Cord

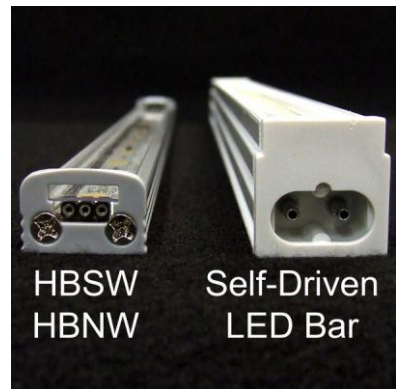


2-Screw Terminal Block
For Hard Wiring Using
MLSDLBCONN

The bars are easy to link or connect, and the mounting clip holds the bars securely:



The bar is very slim and compact. It is only 0.85 inch high (slightly more with the clip.) It is a bit taller than the HBSW and HBNW bars we sell:



Recommended Dimmers

For the 18 and 33 LED bars, we recommend the Lutron Diva CFL/LED dimmer (DVCL-153P.) We sell it in seven colors (white, ivory, light almond, almond, black, brown and gray. For the 12 and 18 LED bars, we recommend the Lutron Skylark Contour CFL/LED dimmer (CTCL-153P.) We also sell it in seven colors.

The Ariadni works great on all the bars.



Diva
[DVCL-153P](#)



Skylark Contour
[CTCL-153P](#)



Ariadni
[AYCL-153P](#)

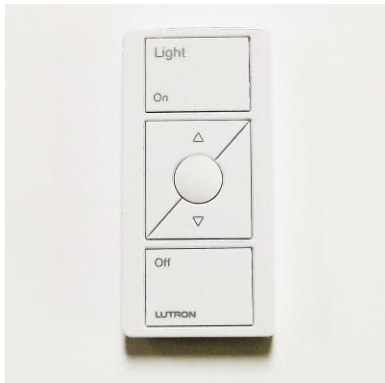
For all the bars, our favorite dimmer is the Lutron Maestro Wireless Electronic Low Voltage Dimmer (MRF2-6ELV-120-WH.) It's more expensive than the others, but affords wireless dimming, if you buy the companion part, the Pico Wireless Remote Control: PJ-3BRL-GWH-I01 or PJ-3BRL-GWH-T01.



Lutron Maestro Wireless ELV Dimmer (Spec. Grade) 600 Watt
[MRF2-6ELV-120-WH](#)



Lutron Pico Wireless Control 3-Button and Raise/Lower with icon engraving
PJ-3BRL-GWH-I01



Lutron Pico Wireless Control Dimmer (Spec. Grade) 600 Watt
PJ-3BRL-GWH-T01



Wireless control sold separately
Lutron Pico Wireless Control Single Pedestal
[L-PED1-WH](#)

Detailed Dimming Test Results:

This chart shows achievable dimming, at the low end, in percent, of the high end brightness. Perceived dimming = square root of measured dimming. Example: 20% measured = 45% perceived. Best dimmers are in dark green. Next best dimmers are in light green.

Part Number	LED/CFL Dimmers							
	Lutron Diva		Lutron Skylark Contour		Lutron Ariadni		Lutron Credenza Lamp Dimmer	
	DVCL-153P No Neutral Wire		CTCL-153P No Neutral Wire		AYCL-153P No Neutral Wire		TTCL-100H No Neutral Wire	
	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)
MLSDLB12WWLED	1%	10%	1%	10%	1%	9%	28%	53%
MLSDLB12DLLED	not too smooth							
MLSDLB18WWLED	1%	8%	1%	8%	0%	0%	9%	29%
MLSDLB18DLLED								
MLSDLB33WWLED	1%	8%	13%	37%	0%	0%	6%	25%
MLSDLB33DLLED			adjust low-end trim				flickers <6%	

Part Number	Electronic Low Voltage Dimmers										Phase Adaptive Lutron Radio RA2	
	Lutron Diva		Lutron Skylark		Leviton Vizia		Lutron Verti		Lutron Maestro Wireless		Lutron Radio RA2	
	300 Watt DVELV-303P Neutral Wire		300 Watt SELV-303P Neutral Wire		600 Watt VPE06-1 Neutral Wire		600 Watt VTELV-600M Neutral Wire		600 Watt MRF2-6ELV-120 Neutral Wire		450 Watt, 600 VA RRD-6NA Neutral Wire	
	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)	(Measured) (%)	(Perceived) (%)
MLSDLB12WWLED	not compatible		not compatible		20%	45%	insufficient load		8%	28%	8%	27%
MLSDLB12DLLED												
MLSDLB18WWLED	8%	28%	7%	27%	6%	25%	insufficient load		2%	15%	2%	15%
MLSDLB18DLLED												
MLSDLB33WWLED	0%	7%	0%	5%	0%	6%	0%	6%	0%	7%	0%	0%
MLSDLB33DLLED												

"Pop-on" means the lights do not come on smoothly from the bottom. As you brighten the lights, they "pop-on."

"Bounce-back" means the lights dim as expected until near the bottom, when they get brighter, even as you continue to move the slider down.

"Dead Travel" means that moving the slider through part of its range (usually the top end), will not change brightness.

Not compatible with most Magnetic Low Voltage dimmers.

Dimmers that have a neutral wire require that the neutral wire be present in the gang box. Most newer construction has the neutral wire in the box.

Test results were made with only one unit on a dimmer at a time. This is the most difficult condition. More bulbs or bars=better dimming.

Features of the LED Under Cabinet Light Bar System

- Dimmable high brightness LEDs create state-of-the-art LED lighting.
- Ultrabright, extremely efficient LED lights are economical and maintenance-free.
- 75/110/200 lumens for the 12/18/33 LED bars. For comparison, a 60 watt incandescent bulb generates around 650 lumens, but it cannot be used effectively for under cabinet lighting because it is not directional. The 33 LED under cabinet bars generate the requisite 30-70 footcandles at the work plane if used in lines of 12 inches or longer. Use jumpers to add additional lights if extra brightness is required.
- 70 Color Rendering Index.
- LEDs are directional, unlike fluorescent and halogen lighting. That means the light shines where you aim it (typically down,) delivering most of the flux to the work surface. Fluorescent and halogen lights have very poor “fixture efficiency” of around 50-60% in most cases, which means half of their lumens are lost in the fixture and are not delivered to the work surface. Therefore, LEDs typically need only half as many lumens as fluorescent sources to get the job done for directional lighting applications such as under cabinet lighting. You may find one 33-LED bar is enough for your application, or you may decide to add one or more additional bars in parallel. They’re very compact.
- Extremely easy to install because they’re linkable and come with 2 mounting brackets that require just a screw driver and a small hole to install. The branch length limit is 50 bars. (Do not link more than 50 bars end-to-end.)
- Strip width is 0.8 inches-very narrow, and suitable for tight spaces.
- Strip height is 0.85 inches. It’s low-profile and hides under most cabinet fronts, unlike bulkier LED and fluorescent fixtures.
- 1 bar joiner and 1 short connector cord are included with each bar.
- Line voltage system is easy to wire. Just connect to a switch or recommended dimmer.
- -40° F to 110° F operating range
- Shock resistant, rugged and durable.
- No UV generated, so it’s safe for humans and objects, in general. Great for museums, displaying documents, artwork and other UV-sensitive subjects.
- No mercury to contaminate the environment upon disposal, unlike fluorescents.
- Energy-efficient-saves around 85-90% versus incandescent light.
- No radio frequency interference.
- No buzzing noise.
- No flickering.
- Instant on.
- Lights have up to 50,000 hour lifetime, if properly driven and heat is allowed to escape.
- California Title 24 compliant.
- 5 year warranty from MaxLite.

Applications

- Under cabinet lighting, closet and indirect cove lighting applications
- Freezer/Cold Case
- Display cases
- Cubicles
- Work benches
- Back lighting signs
- Hotels, office buildings, homes, casinos, wine cellars, yachts, home theaters
- Downlighting and uplighting architectural features

Instructions

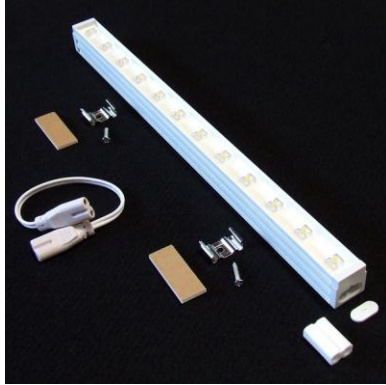
Please take the following general precautions when installing any sort of LED lighting:

1. This equipment, like all electrical equipment, should be installed by a qualified person. You should have the basic tools and knowledge of the trade. If you do not, get help.
2. Never wire systems with the power on. Even if you take care not to hurt yourself, you may damage the LEDs or equipment by creating current spikes. Always shut the power off before making connections.
3. Do not expose LEDs, controllers or other electronics to intense electro-magnetic fields, including lightning.
4. These products are not waterproof. Keep them dry.

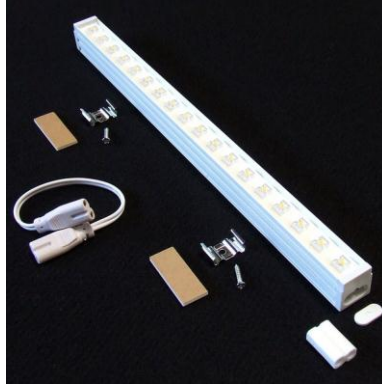
Check List for Your Project

Here are the components you'll need:

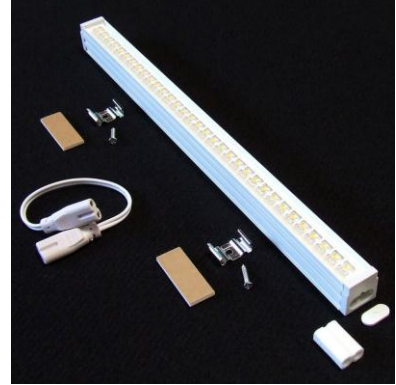
Light Bar(s):



[MLSDLB12WWLED](#)
[MLSDLB12DLLED](#)



[MLSDLB18WWLED](#)
[MLSDLB18DLLED](#)



[MLSDLB33WWLED](#)
[MLSDLB33DLLED](#)

Power cord, with or without plug:



[MLSDLBJL70](#)



[MLSDLBLC](#)

Optional accessories:



[MLSDLBCONN](#)



[MLSDLBJL40](#)



Dimmer