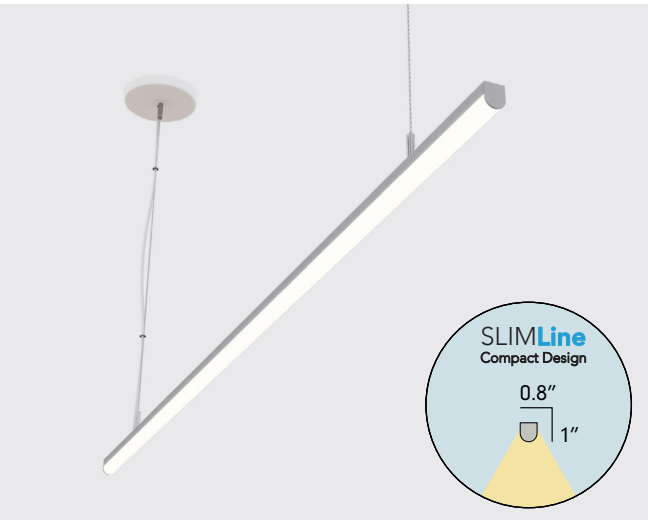
Linear LED Fixture Spec Sheet



Our Slimline **LVLBP2** is a **0.8"** wide, slim and decorative Surface Mounted Linear LED Light Fixture suitable for general lighting applications. It is slim and compac yet is capable of handling high output light, and with a rounded lens, this fixture provides a modern decorative finish that makes it suitable for use in any office, hotels, restaurants, and even in residential spaces.

Conveniently choose from a wide variety of colors, and custom sizes up to 78" in order to obtain fully personalized lighting that is tailored to your desired lighting applications.

Specifications

*[XX] denotes color temperature

Part#	LVLBP2-XX-YY-ZZ
Sizes	2ft, 4ft, 6ft Custom
Input Voltage	12VDC or 24VDC
Light Output	SO: 374 Lumens/ft (White)
Efficiency	78 Lumens/Watt
Color Rendering	>90 CRI, >95 CRI
Environment	Suitable for Dry or Damp Locations
Warranty	5-Year
Lifetime	70,000+Hours
Listings	UL-Listed
Dimming	0-10V Dimmable, Phase/TRIAC
Light Distribution	Down Light

Available Colors

- 2300K — Amber White
- 2700K — Incandescent White
- 3000K — Warm White
- 4000K — Natural White
- 6000K — Bright White
- CCT 2700K - 6000K — Tunable White
- RGB + 2700K — Color Changing + Warm White
- RGB + 6000K — Color Changing + Bright White

*Custom Available Upon Request

Features

- 12-24VDC Input.
- **Dimmable** (Pair with Dimmable Driver).
- 90+ **CRI** Standard, 95+ available.
- 500 **lumens/ft**.
- Suspension Kits Included!
- **Waterproof Available Upon Request.**
- Made in the **USA** Quick Ship!
- **UL-Listed**.

Finish Options

Standard

- Satin Aluminum
- Matte Black

Custom

- Ruby Red RAL #3003
- Traffic Yellow RAL #1023
- Bright Orange RAL #2009
- Island Skye RAL #6027
- Beige RAL #1001
- Sky Blue RAL #5015

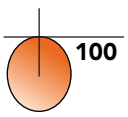
*Extended lead times for custom RAL finishes. Any RAL color can be selected in addition to the one shown

Typical Lumen Table

Product Size	
2ft	**960 LM / 12W**
4ft	**1,920 LM / 24W**
6ft	**2,880 LM / 36W**

*Based on standard sizes with 4000K Color Temperature

Light Distribution



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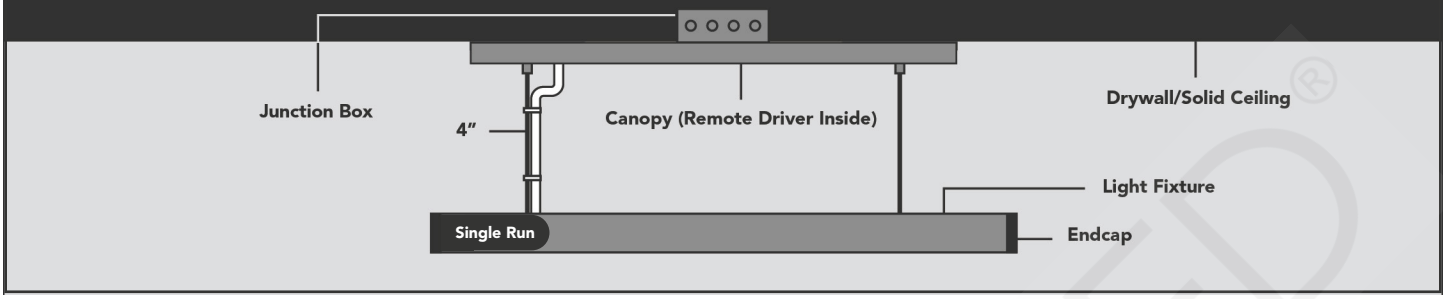
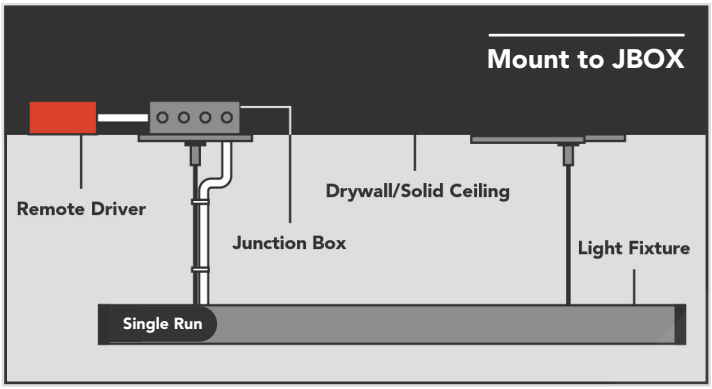
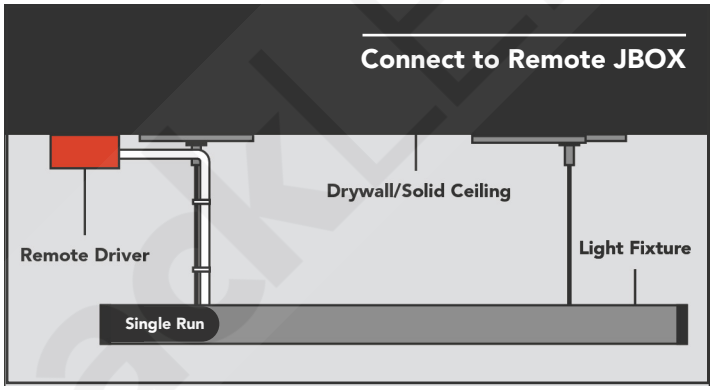
Mount to Powered Canopy



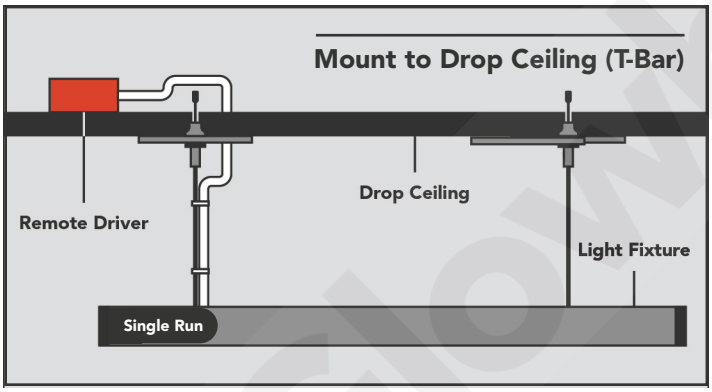
Mount to JBOX



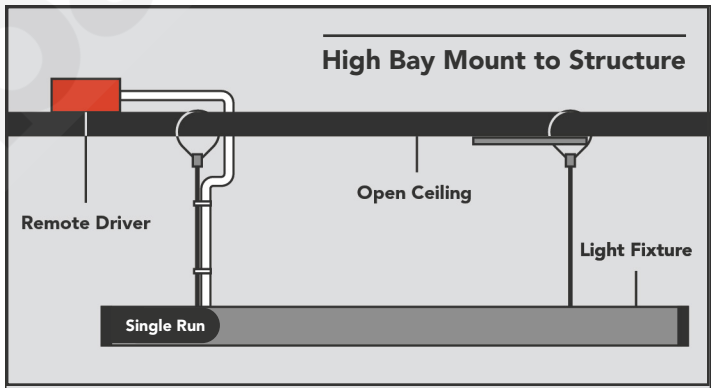
Connect to Remote JBOX



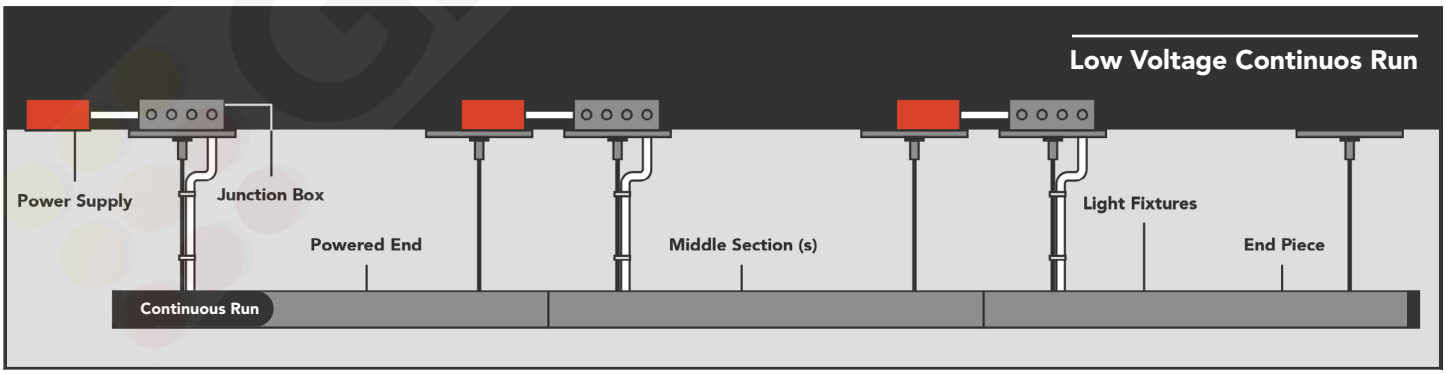
Mount to Drop Ceiling (T-Bar)



High Bay Mount to Structure



Low Voltage Continuos Run



***Remote Power Supplies MUST be left accessible, they cannot be installed behind finished ceilings.**

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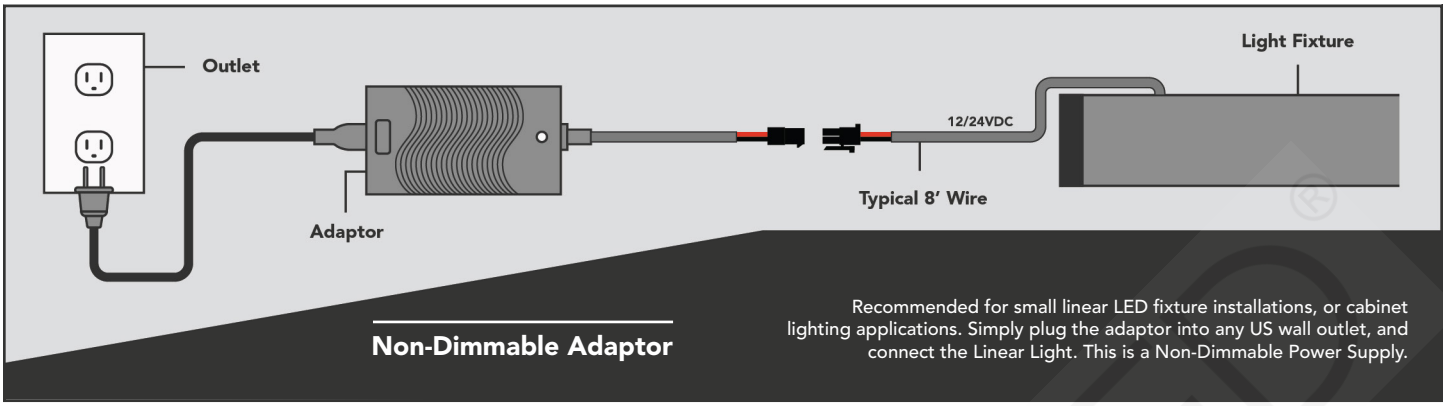
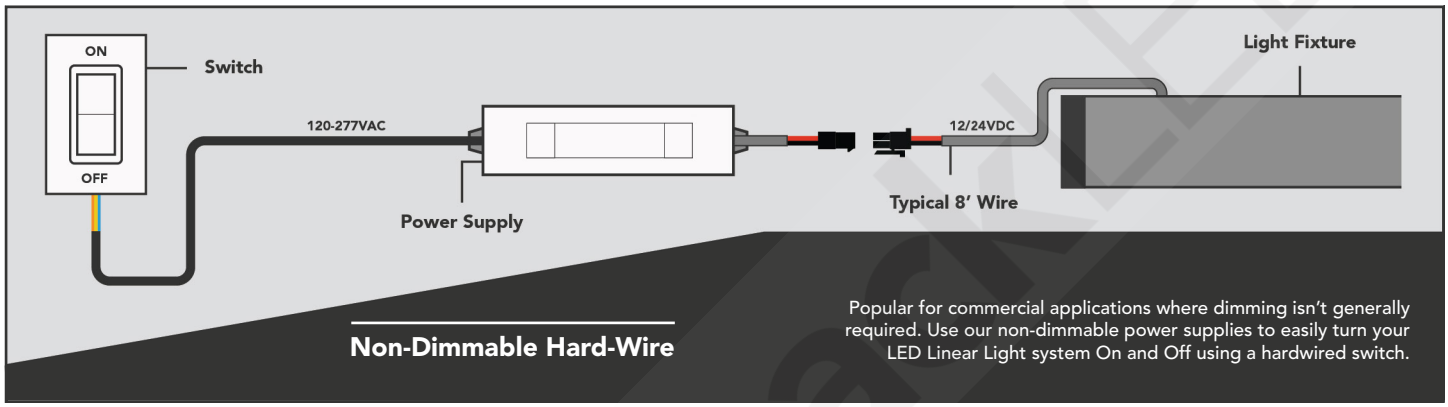
LVLBP2-XX-YY-ZZ
Pendant Mounted Linear Lighting



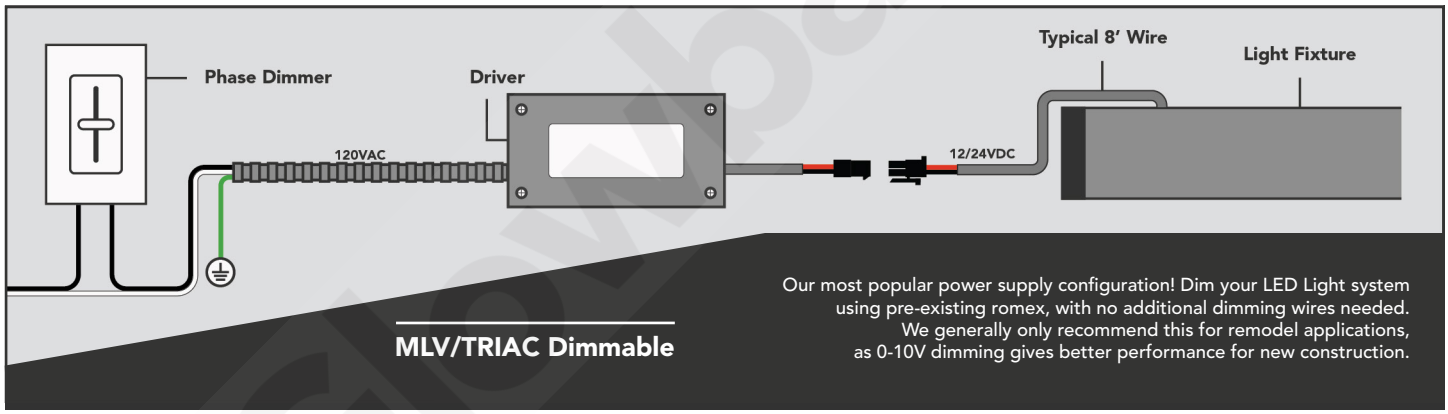
Non-Dimmable Adaptor

Recommended for small linear LED fixture installations, or cabinet lighting applications. Simply plug the adaptor into any US wall outlet, and connect the Linear Light. This is a Non-Dimmable Power Supply.



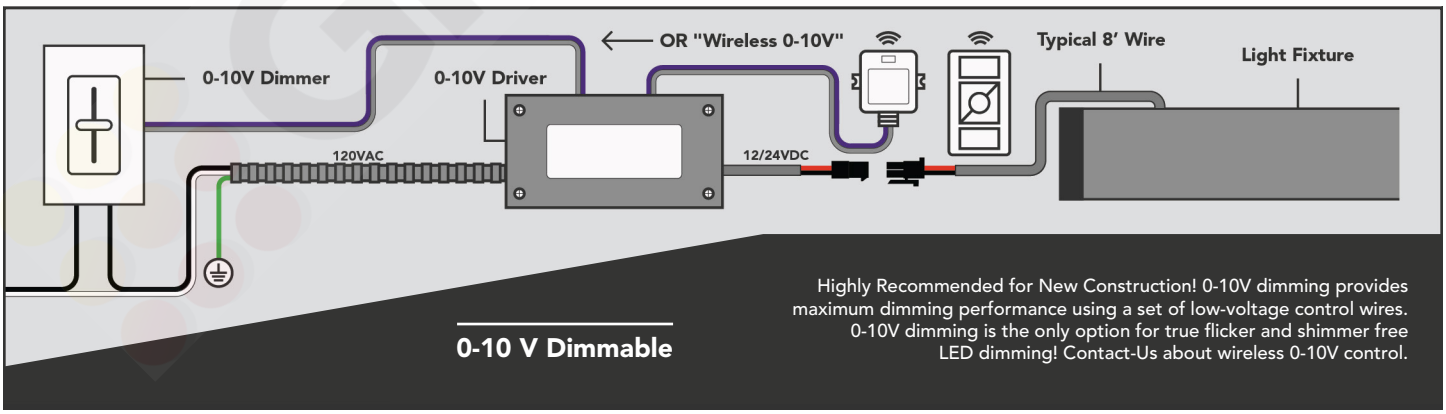
Non-Dimmable Hard-Wire

Popular for commercial applications where dimming isn't generally required. Use our non-dimmable power supplies to easily turn your LED Linear Light system On and Off using a hardwired switch.



MLV/TRIAC Dimmable

Our most popular power supply configuration! Dim your LED Light system using pre-existing romex, with no additional dimming wires needed. We generally only recommend this for remodel applications, as 0-10V dimming gives better performance for new construction.



0-10 V Dimmable

Highly Recommended for New Construction! 0-10V dimming provides maximum dimming performance using a set of low-voltage control wires. 0-10V dimming is the only option for true flicker and shimmer free LED dimming! Contact-Us about wireless 0-10V control.

All of our LED Panels require a remote power supply and/or controller to operate. Seamlessly integrate our LED Panel systems with any type of home or building automation system. Unless otherwise specified, all LED Panel systems, including power supplies and controllers are shipped to you pre-configured, to facilitate installation. Power-Supplies will come "rigged" with connectors to match the connectors coming off the LED panels. When ordering, simply give us some details about the level of control that you want, and our team will design a turn-key control system fit to meet your needs.

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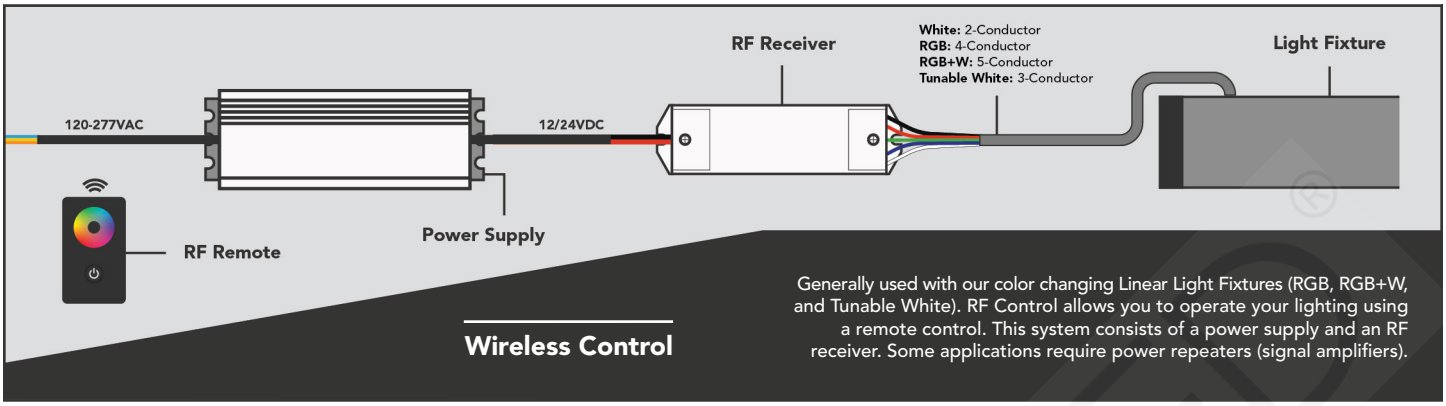
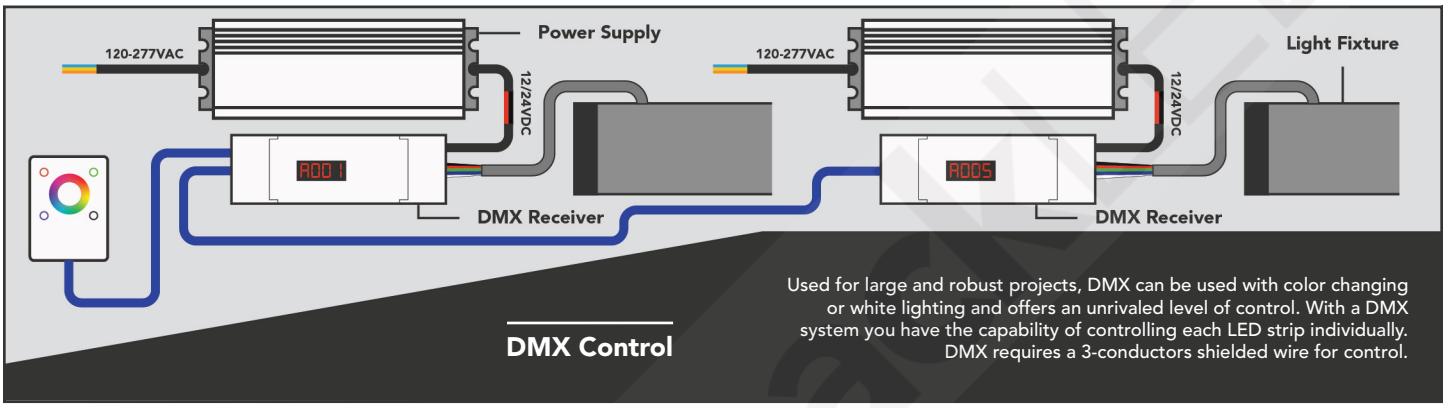
LVLBP2-XX-YY-ZZ
Pendant Mounted Linear Lighting



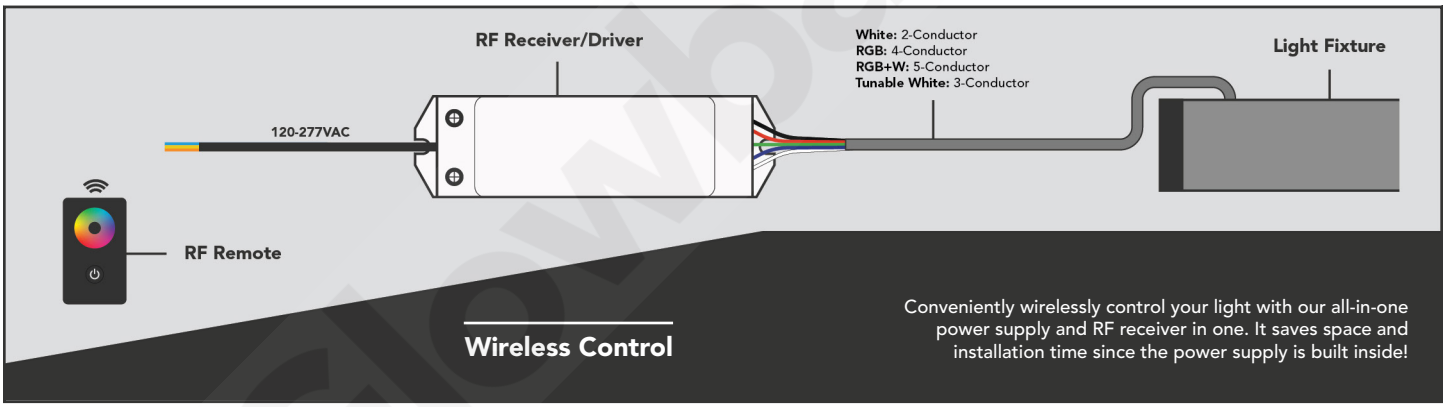
Wireless Control

Generally used with our color changing Linear Light Fixtures (RGB, RGB+W, and Tunable White). RF Control allows you to operate your lighting using a remote control. This system consists of a power supply and an RF receiver. Some applications require power repeaters (signal amplifiers).



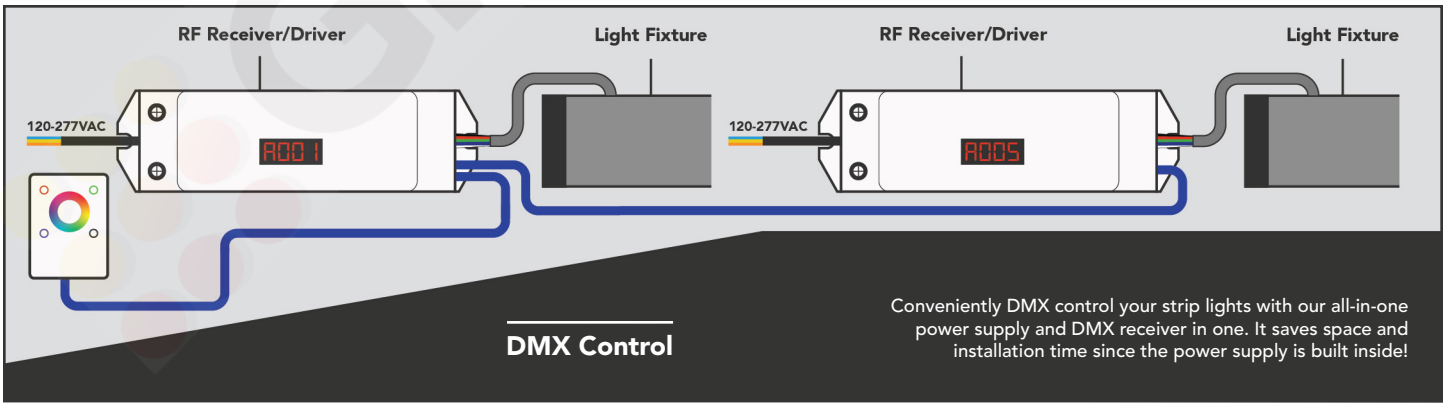
DMX Control

Used for large and robust projects, DMX can be used with color changing or white lighting and offers an unrivaled level of control. With a DMX system you have the capability of controlling each LED strip individually. DMX requires a 3-conductors shielded wire for control.



Wireless Control

Conveniently wirelessly control your light with our all-in-one power supply and RF receiver in one. It saves space and installation time since the power supply is built inside!



DMX Control

Conveniently DMX control your strip lights with our all-in-one power supply and DMX receiver in one. It saves space and installation time since the power supply is built inside!

All of our LED Panels require a remote power supply and/or controller to operate. Seamlessly integrate our LED Panel systems with any type of home or building automation system. Unless otherwise specified, all LED Panel systems, including power supplies and controllers are shipped to you pre-configured, to facilitate installation. Power-Supplies will come "rigged" with connectors to match the connectors coming off the LED panels. When ordering, simply give us some details about the level of control that you want, and our team will design a turn-key control system fit to meet your needs.

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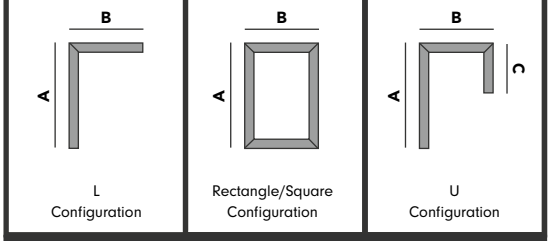
Master Product Code Builder

Prefix	**LVLB**
Profile	**P2**
Finish	
Satin Aluminum	*leave blank*
Matte Black	**BLK**
Matte White	**N/A**
Custom	**C**
Output	
2,880 Lumens/ft	**SO**
000 Lumens/ft	**N/A**
Size	
2ft	**24**
4ft	**46**
6ft	**68**
8ft	**90**
Custom	*enter in inches*
Continous	**CR**
Custom Shape	**CS**
Color	
2300K	**AW**
2700K	**IW**
3000K	**WW**
4000K	**NW**
6000K	**BW**
Custom	*enter CCT value*
RGB+6000K	**RGBW**
RGB+2700K	**RGBWW**
Tunable White	**CCT**
CRI	
90+	**90**
95+	**95**
Mount Type	
Mount to JBOX	**A**
Remote JBOX	**B**
Drop Ceiling	**C**
High Bay	**D**
Voltage	
12VDC	*leave blank*
24VDC	**24**
Dimming/Control	
0-10V	*leave blank*
Phase/TRIAC	**TRIAC**
DMX	**DMX**
Run Type	
Single	*leave blank*
C/R Powered End	**CRP**
C/R Middle	**CRM**
C/R End Piece	**CRE**
NA	*leave blank*
Shapes	
NA	*leave blank*
Standard Shape	**S/S**
Custom Shape	**C/S**

Standard Shapes



L Configuration | Rectangle/Square Configuration | U Configuration

***More custom shapes are available upon request**

Custom Shapes

X Configuration | T Configuration | Hexagon Configuration | Triangle Configuration | Linear Abstract Configuration

***More custom shapes are available upon request**

Controller and Power Supply Options

Non-Dimmable Adaptor	**24V 36W**	**24V36WAPT**
	24V 60W	**24V60WAPT**
Non-Dimmable Hardwire	**24V 36W**	**24V36WHOD**
	24V 96W	**24V4ALP13**
Phase Dimmable	**24V 30W**	**MUD24V30W**
	24V 60W	**MUD24V60W**
	24V 96W	**MUD24V96W**
	24V 192W (2 x 96W)	**MUD24V192W**
	24V 288W (3 x 96W)	**MUD24V288W**
0-10V/Triac Dimmable (All-in-One)	**24V 60W**	**M01024V60W**
	24V 96W	**M01024V96W**
	24V 192W (2 x 96W)	**M01024V192W**
	24V 288W (3 x 96W)	**M01024V288W**
	24V 384W (4 x 96W)	**M01024V384W**
Non-Dimmable Hardwire for RF/DMX	**24V 96W MeanWell**	**MWHLG100H24A**
	24V 150W* MeanWell	**MWHLG150H24A**
RF Receiver and Remotes	**RF Receiver (12-24V Input)**	**BG1009FA**
	Power Repeater (12-24V Input)	**BG3002**
DMX Receivers	**DMX Receiver (12-24V Input)**	**BG2108FA-4CH**
	DMX Receiver (12-24V Input) w/ XLR and RJ45 Connectors	**BG2108A-M5-5**
All-In-One Built in Power Supply Receivers	**RF Receiver (100-277VAC Input) 96W**	**BG1009FA-96CVF-24**
	DMX Receiver (100-277VAC Input) 96W	**BG2108-96CVF-24**
DMX Controllers	**Single Zone RGB/RGBW Touch Panel**	**BG2812B**
	3-Zone RGB/RGBW Touch Panel	**BG2812-3(W)**
	Programmable Single Zone Nicolaudie Stick GU2	**STICKGU2**
	Programmable Single Zone Nicolaudie Stick CW4	**STICKCW4**
	Programmable 10 Zone Nicolaudie Stick DE3	**STICKDE3**

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Project Name

Ordering Form

QTY	LVLBP2	Finish	Output	Size	Color	CRI	Mount Type	Voltage	Dimming/Control	Emergency	Run Type	Shapes	Project Fixture Type
	LVLBP2	BLK	50	90	WW	90	A						ST-5
	LVLBP2												
	LVLBP2												
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Custom Configuration Notes

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