

# RGB LED CONNECT BARS

Model: LV-HS-RGB-12T2-X (RGB = Red, Green, Blue COLOR)



## MODEL

LV-HS-RGB-12T2-X

- LENGTH (12" or 20")
- VOLTAGE (12V)
- COLOR (Red, Green, Blue)



## SAFETY & WARNINGS

Before you begin, read all warnings and installation instructions (as they may have been updated from previous versions). Improper installation(s) present hazards, which can result in personal injury or property damage.

**Use only with Class 2 Type power supply. Using with any other type of power supply will void the limited warranty.**

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Disconnect power before installing or servicing (at breaker point).

This product is intended to be installed and serviced by a qualified licensed electrician. Install in accordance with the National Electric Code, and local regulations. Only power with a (listed) constant voltage Class 2 power supply (12V DC).

All hard-wire installation and hook-up should be done in accordance with all national and local code. Electrical hard-wire connections must be made by qualified and licensed personnel. Instructions may change and be updated. **Improper installation(s) present hazards, which can result in personal injury or property damage.**

- Do not exceed the total combined length of 10 feet of luminaries for 12 Volts DC (when used with a listed Class 2 60 watt LED Driver).
- Before connecting or installing, make sure power is turned off and reduce the risk of fire and overheating, make sure all connections are tight.
- Only install on smooth flat surface. Product must be rigidly mounted with provided clips to surface. A minimum 2 clips per bar.
- Correct polarity is imperative: +/- is marked on the hard-wire and DC barrel connector, center is positive (+)
- DO NOT install on flammable material or possibility of in the future. Do not install any luminaries closer than 6 inches (15.25 cm) from any curtain, or similar combustible materials. Never apply to surface above 40c (104F).
- The light and all its components cannot be mechanically pressed. Do not bend or apply pressure.
- Voltage must not exceed 12VDC. Check that it is the correct voltage before applying power. The voltage must be printed on the LED power supply (driver). If it is not, do not use.
- This is not a toy. Keep out of children's reach.
- Keep LED Bars spaced 1" (28mm) apart if placing next to each other.
- Not for use in mission critical, aircraft, emergency signs or lifesaving equipment.
- Inspect installation after one hour and thereafter regularly.
- For stationary use only. Do not subject to possible movement or pressure (or in the future). Not for in-wall use.
- Conductors of extra-low-voltage circuits must be rigidly supported.
- Connection to power source use Wago™ 222-413 in hardwire applications.
- Connect only 12VDC LED bars to other 12VDC LED bar(s) (identical voltage/model).

Ensure applicable wire is installed between driver, fixture and any controls in between. When choosing wire, factor in voltage drop, amperage rating and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires and cause fire.

This product is rated for indoor installation and only for dry locations. Do not install in washrooms or areas near water (or the possibility of in the future).

Do not modify this product beyond the instructions in this guide or the warranty will be voided.

Wiring diagrams in this installation guide for basic installations. Please carefully review your installation before proceeding with a qualified electrician familiar with low voltage wiring techniques.

### ONE YEAR LIMITED LIGHTING WARRANTY

LED WORLD INC. warrants this product for one year (some exceptions may apply) from the date of shipping unless otherwise noted in writing. This warranty is expressly in lieu of all other warranties expressed or implied. Under this Limited Warranty, the obligation of the company is limited to replacing on a prorated basis, at its option, any component found to be defective. This Limited Warranty does not apply to damage caused by buyer or alteration to the product or incorrect power supply. Factory warranties are covered by the original manufacturer and claims must be submitted to them.

LED World Inc. And its providers will never be liable to you or any other person for any indirect, incidental, consequential, special, punitive or exemplary loss or damage arising from, connected with, the purchase of products, including but not limited to loss of data, business, markets, cost of labour, savings, income, profits, use, production, reputation or goodwill, anticipated or otherwise, or economic loss, under any theory of liability (whether in contract, tort, strict liability or any other theory or law or equity), regardless of any negligence or other fault or wrongdoing (including without limitation gross negligence and fundamental breach) by led world inc. Or any person for whom led world inc. Is responsible, and even if led world inc. Has been advised of the possibility of such loss or damage being incurred.

If a product is defective, we will replace the product with similar or identical product or at our option a credit towards a future purchase. To make a claim under this warranty, obtain a return authorization number.

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## BENEFITS

- Extendable light bar & modular design
- No dark zones and seamless connection
- Easy to install with screw mounting brackets and clips

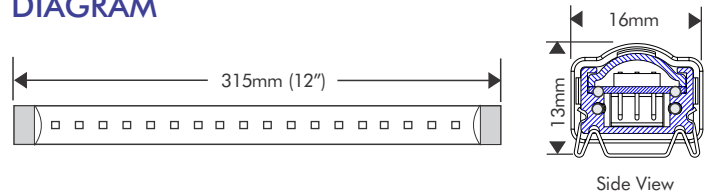
## APPLICATIONS

- Ideal for under counter lighting & cove lighting
- Architectural accenting

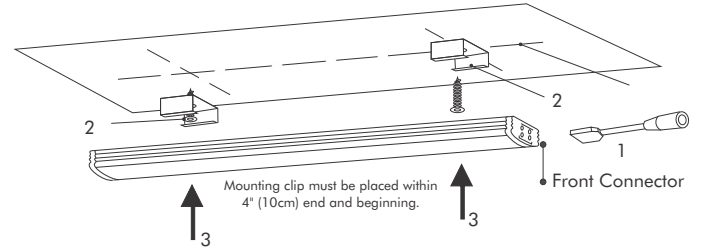
## SPECIFICATIONS

Max Voltage	12 VDC (regulated/Class 2)
Watts	3.2/Bar
Length	12" (1 ft), 20" (1.6 ft)
Lumens	274 Lumens/Foot
Rated Current	0.270A ±5%
LEDs	18

## DIAGRAM

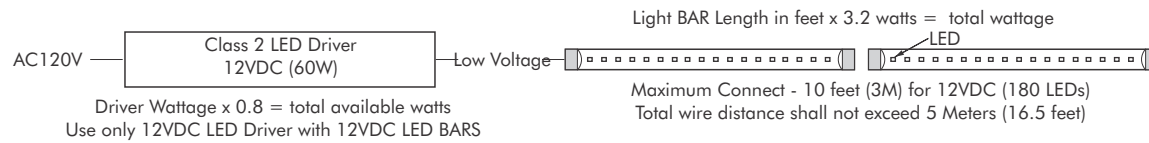
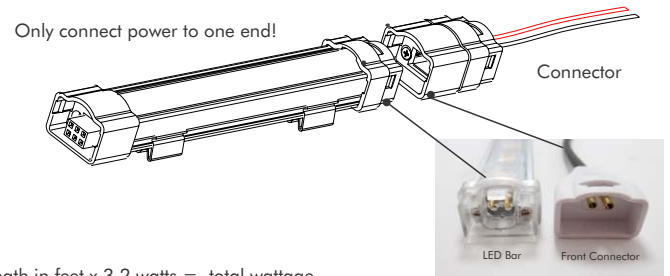
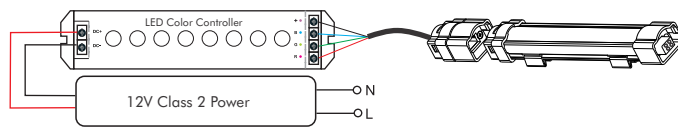


## INSTALLATION GUIDE



1. Mark on mounting surface to align the LED Connect Bar.
  2. Screw and fix the mounting clip.
  3. Push gently the LED Bar main into the mounting clips
- Connect power at one end only! Secure wiring with wire clamps.

## CONNECTION GUIDE



Only Connect identical voltage LED bars!

## OPTIONAL CONNECTORS

LV-HS-PC2-12-DC 12V Barrel Connector	
LV-HS-PC2-12 Bar to Bar Connector (12")	
LV-HS-PC2-40 Bar to Bar Connector (40")	

## OPTIONAL DRIVERS & POWER UNITS (Class 2)

XLD75B-112V-FC (12VDC) Powers up to 10feet	
XLD200B-412V-FC (12VDC) Powers up to 9ft x 4 = 36feet	
H-DMX2108A-5M-3 DMX color controller	
HUEDA™	
YHY-12005000 Powers up to 10 feet of LED Connect Bar Lighting.	

Each LED Light Connect Light Bar includes:

- 2 Mounting Clip
- Mounting Screws

For further Optional connectors and power supplies check our website  
[www.ledworldlighting.com](http://www.ledworldlighting.com)