

Barrina AAL20

Barrina 6-Pack LED T5 Integrated Single Fixture Instruction Manual

Model: AAL20

1. PRODUCT OVERVIEW

The Barrina LED T5 Integrated Single Fixture provides efficient and bright illumination for various indoor applications. This 6-pack of 4-foot fixtures offers 2200 lumens output with a 6500K super bright white light, consuming only 20W per fixture. Designed for versatility, these lights are linkable and can be installed in multiple ways to suit your lighting needs.

Key Features:

- **Super Bright:** Over 2200 lumens output per fixture, 20W low power consumption.
- **Linkable Design:** Connect up to 8 tube lights using seamless connectors or 20-inch connector cords. Compatible with Barrina GM Series Cords.
- **Easy Installation:** Plug-and-play setup with included snap joints for hanging.
- **Durable Construction:** Features an aluminum housing for optimal heat dissipation and longevity.
- **Wide Application:** Ideal for garages, storage areas, workbenches, basements, homes, under cabinets, and office general lighting.

Video: Barrina LED T5 lights in various settings, demonstrating their versatility and brightness.

2. PACKAGE CONTENTS

Each Barrina 6-Pack LED T5 Integrated Single Fixture includes the following components:

- 6 x Barrina T5 4ft LED Shop Lights
- 6 x Power Cords with ON/OFF Switch (59 inches each)
- 2 x Hardwire Connectors
- 5 x 20-inch Connector Cables (GM cord)
- 6 x Small Connectors (for seamless linking)
- 6 x Installation Accessories (Ceiling mount clips & screws, End caps)

PACKING LIST



6
-PCS

6 PACK



6 PCS
59 inches



2 PCS

5 PCS
20 inches (GM cord)

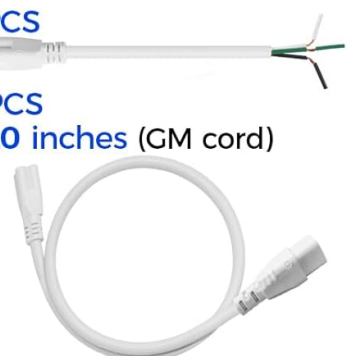


Image: Contents of the Barrina 6-pack, including LED fixtures, power cords, connectors, and mounting hardware.

3. SETUP AND INSTALLATION

The Barrina LED T5 fixtures offer flexible installation options. Please read all instructions before beginning installation.

3.1 Mounting the Fixtures

1. **Screw the clips:** Secure the provided mounting clips to your desired surface (wall or ceiling) using screws. Ensure clips are spaced appropriately for the 4-foot fixture.
2. **Push and secure:** Gently push the LED fixture into the installed clips until it snaps securely into place.

3.2 Power Connection Methods

Choose one of the following methods to power your LED fixtures:

- **Plug-and-Play:** Connect the power cord with the ON/OFF switch to one end of the LED fixture, then plug the cord into a standard 120V AC outlet.
- **Hardwire Connection:** Use the provided hardwire connector to directly connect the fixture to your electrical system. Ensure proper wiring (Live, Neutral, Ground) as per local electrical codes.

3.3 Linking Multiple Fixtures

You can link up to 8 fixtures together to create a continuous lighting system:

- **Seamless Connection:** Use the small connectors to directly link fixtures end-to-end for a continuous light strip.
- **Cable Connection:** Use the 20-inch connector cables to link fixtures with a gap between them.

Important Notice:

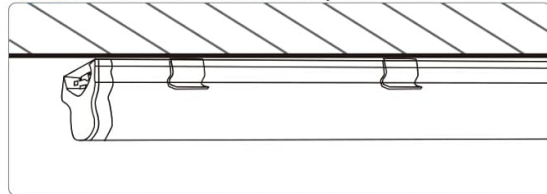
If connecting new and old lighting fixtures, ensure to use the new male-female connector cables. The second generation is designed for enhanced safety, preventing accidental electrical connections due to human error. For assistance, please contact the seller.

INSTALLATION

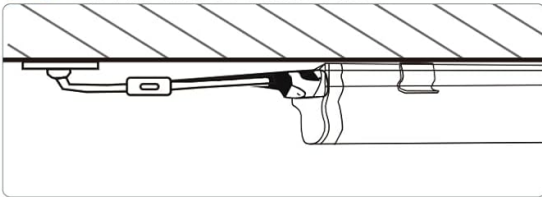
01 Screw the clips to the wall or ceiling



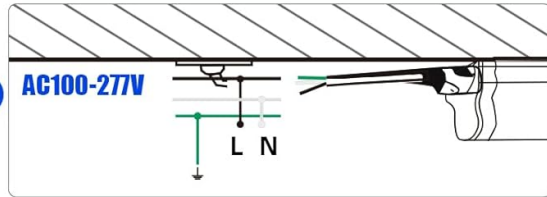
02 Push and secure LED fixture into the clips



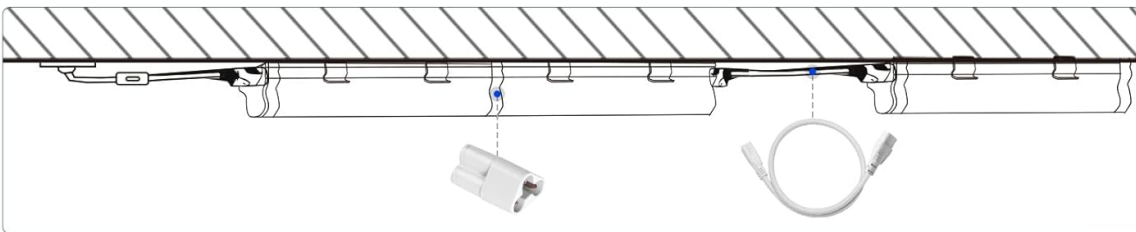
03 Power connection
OR Hardwired connection



or



Can connect up to **EIGHT**



Hardwire



- | | | | | |
|----------|---|---------|---|----------------|
| • Brown | = | • Black | = | Live wire |
| • Blue | = | • White | = | Neutral wire |
| • Yellow | = | • Green | = | Grounding wire |

Image: Visual guide for mounting clips, securing fixtures, and connecting power.

2 CONNECTION METHODS

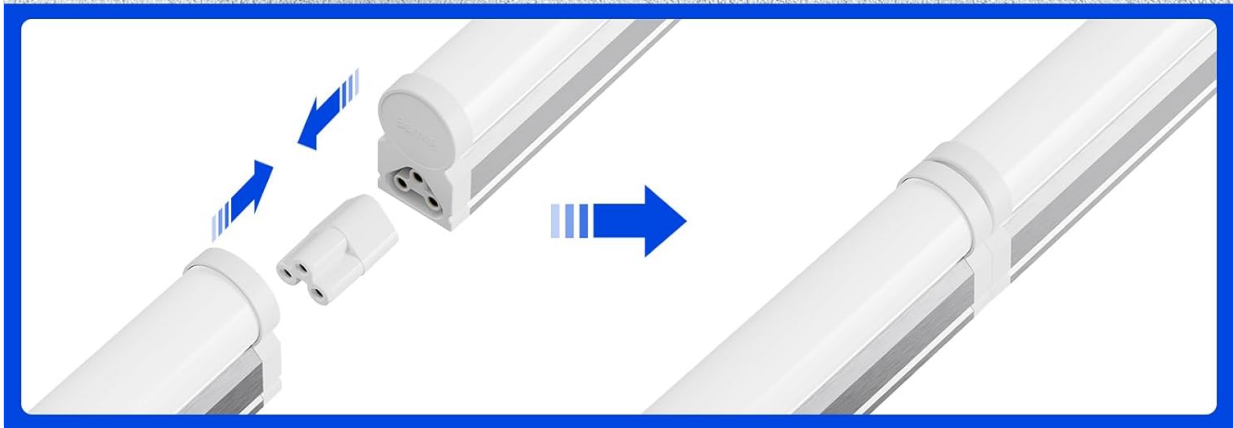
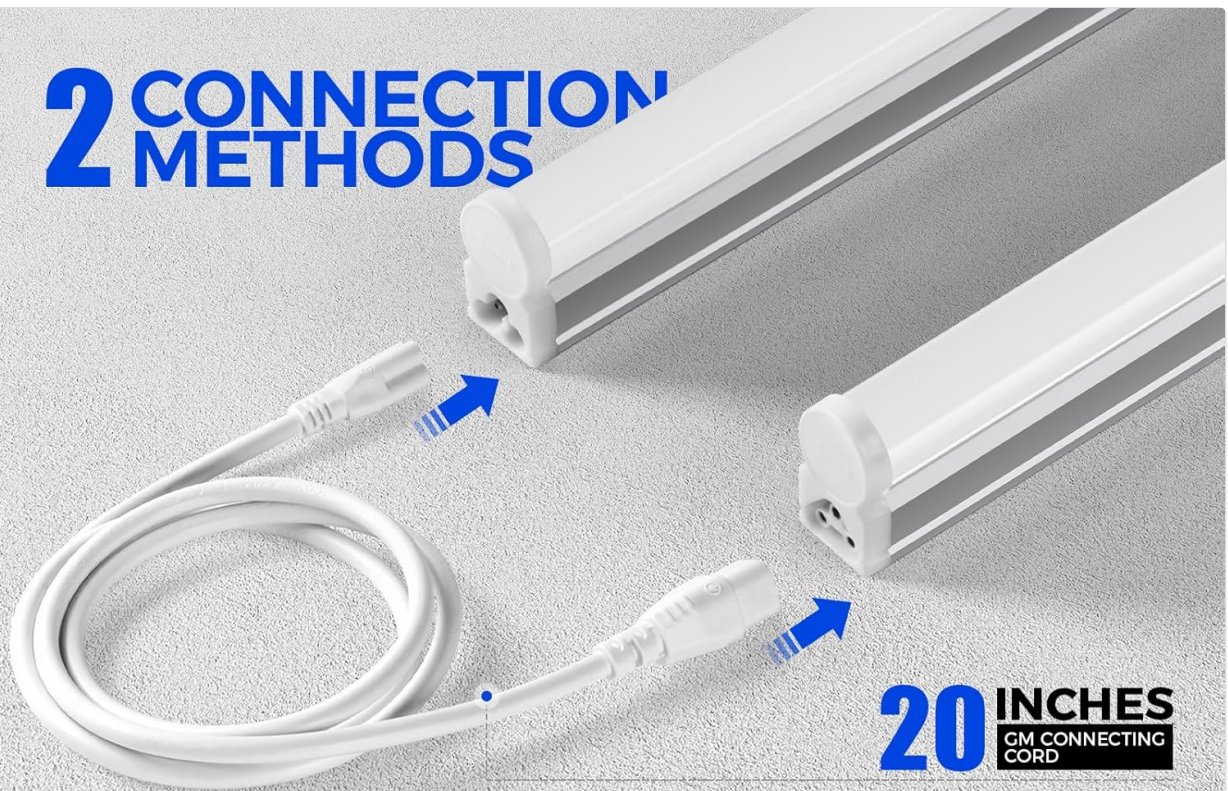


Image: Illustration of seamless and cable linking methods for Barrina T5 LED fixtures.

2 INSTALLATION WAYS



59 INCHES
POWER CORD

Hardwire

Image: Details of the power cord with ON/OFF switch and the hardwire option.

4. OPERATING INSTRUCTIONS

Once installed and connected to a power source, operating your Barrina LED T5 fixtures is straightforward:

- **Power On/Off:** Use the ON/OFF switch located on the power cord to turn the lights on or off. If hardwired, use the wall switch connected to the circuit.
- **Brightness:** These fixtures provide a consistent 2200 lumens of 6500K super bright white light. They are not dimmable.

5. MAINTENANCE

To ensure optimal performance and longevity of your Barrina LED T5 fixtures, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the fixtures with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all connections and mounting points to ensure they remain secure.
- **Environmental Conditions:** These lights are designed for indoor use only. Avoid exposure to moisture

or extreme temperatures.

Important Note:

These fixtures cannot be compatible with motion sensors, as doing so will shorten their lifespan.

6. TROUBLESHOOTING

If you encounter issues with your Barrina LED T5 fixtures, refer to the following common troubleshooting steps:

- **Lights not turning on:**
 - Ensure the power cord is securely plugged into a working outlet.
 - Check the ON/OFF switch on the power cord is in the 'ON' position.
 - If hardwired, verify the wall switch is on and the circuit breaker has not tripped.
 - Confirm all connectors between linked fixtures are secure.
- **Flickering lights:**
 - Ensure the power supply is stable and within the specified voltage range (120 Volts).
 - Check for loose connections at the power cord or between linked fixtures.
 - Avoid connecting to motion sensors, as this can cause flickering and reduce lifespan.
- **Partial light failure in a linked series:**
 - Inspect the connections of the non-working fixtures within the series. A loose connection can interrupt the power flow to subsequent lights.
 - Ensure the total wattage of linked fixtures does not exceed the maximum recommended (up to 8 fixtures).

If these steps do not resolve the issue, please contact Barrina customer support for further assistance.

7. SPECIFICATIONS

Brand	Barrina
Model Number	AAL20
Light Type	LED T5 Integrated Single Fixture
Length	4 Feet (46.1 inches)
Wattage	20 Watts per fixture
Brightness	2200 Lumens per fixture
Color Temperature	6500 Kelvin (Super Bright White)
Voltage	120 Volts
Material	Aluminum, Polycarbonate
Control Method	Touch (via ON/OFF switch on cord)

Installation Type	Semi Flush Mount, Ceiling Mount, Under Cabinet
Indoor/Outdoor Usage	Indoor Only
ETL Listed	Yes

8. WARRANTY AND SUPPORT

Barrina provides a **3-year warranty** for this product. For any questions, technical support, or warranty claims, please contact Barrina customer service. Refer to the product packaging or the official Barrina website for the most current contact information.