



ATG Electronics® eCove™ WP30 LED Rigid Strip

USER GUIDE

Part Number HRS-Z030R-050400-L1
HRS-Z030Y-050400-L1
HRS-Z030B-050400-L1
HRS-Z030G-050400-L1
HRS-Z030N-050400-L1



NOTE:

This user guide is to explain the steps necessary to use the specified and assure peak performance. Its intended use is for reference only, by a fully qualified electrician or technician. This document should never be considered a substitute for any provision of a regulation or state and/or local code.

Please read this entire manual to fully understand and safely use this product.

Specifications are subject to change without notice. Please visit www.atgelectronics.com for most recent user guide versions.

GETTING STARTED

ATG Electronics® eCove™ WP30 LED Rigid Strips are the low voltage, linear and waterproof fixture delivering medium intensity for decoration lighting and under cabinet lighting.

From large-scale commercial installations to simpler residential applications, eCove™ WP30 generates saturated, uniform color and customizable effects within recessions, task areas, accent areas, and other confined spaces.

eCove™ WP30 is 50cm (19.68 in) length and with 30LEDs in; it comes with male/female waterproof connector at both ends, and resin on the surface, which make it suitable for both indoor and outdoor applications. The rotatable clips, 2pcs per strip included in standard selling package, will enable the customers an easy installation benefit, and also can be adjusted to throw light to desired direction.

To equip the whole system, the suitable power supply shall be considered; waterproof power supplies shall be ordered along with the strips.

eCove™ WP30 has been successfully used worldwide and transform the customers' imagination into reality.

This guide contains important information about installing and operating your new eCove™ WP30 LED Rigid Strips safely and accurately.

ATG
Electronics Corp.

Light your world
Color your life!

Included in this Box

eCove™ WP30 LED Rigid Strip, 1 PCs
User Guide, 1 Set
Rotatable Clips, 2 PCs

Additional Items Needed

Power Supply: 12 VDC QDriver™/XDriver™ LED Power Supply
Dimming System: QColor™ Remote Dimmer (Part Number: HCD-00001-000000-RD)

Unpacking

- 1) Unpack and carefully examine the product.
- 2) Report any damage and save all packing materials if any part is damaged during transport.
- 3) Do not attempt to use this apparatus if it is damaged.

Warnings

- 1) Risk of electric shock. Ensure that the power supply is off when wiring or soldering the sections of the device.
- 2) The device and power supply must be installed by a qualified electrician or technician in accordance relevant local codes.

Cautions

- 1) Suggested continuous working time is around 8 hours, never more than 12 hours.
- 2) Do not use the device in close environment.
- 3) Do not use sharp tools near or on the surface of the device.

User Responsibilities

The responsibility of complying with all state and local laws, ordinances, and regulations in regards to the installation, maintenance, and operation of the device lies with the buyer and handler of the device. These parties may include, but are not limited to the contractor, installer, purchaser, owner, and user of the product.

Note:

The instructions and precautions set forth in this user guide are not necessarily all-inclusive, all conceivable, or relevant to all applications as ATG Electronics cannot anticipate all conceivable or unique situations.

PLANNING THE INSTALLATION

The device installation requires planning to ensure timely, successful installation with minimal complications and down time.

Planning Suggestions

Consult an Electrical Inspector to review all wiring plans.
Create a Layout Plan drawing, per a Lighting Designer's or Architect's recommendation.
Consult ATG Application Engineering Services as needed.

Installation Considerations

When creating your installation plan, consider the following:

- 1) Location of eCove™ WP30

eCove™ WP30 is suitable for indoor and outdoor applications.

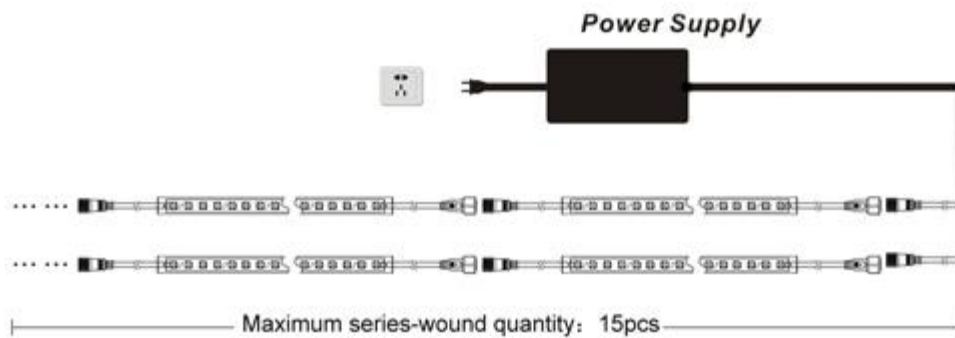
- 2) Maximum series-wound quantity

15 pcs.

Installation Steps

- 1) Place and fix eCove™ WP30 to the defined area according to project layout with rotatable clips;
- 2) Connect eCove™ WP30 to each other.
- 3) Connect the power supply to the first eCove™ WP30.
- 4) Plug the power supply into power outlet to light up the whole system.

Wiring Diagram



ATG Electronics® eCove™ WP30 LED Rigid Strip Specifications

Color: red, yellow, blue, green, white

LED Qty: 30 LEDs

Lumens: 30~105 lm

Power Consumption: 2.4 W

Beam Angle: 80°

Dimension: L500*W18*H15 mm (L19.5*W0.71*H0.59 inch)

IP rating: IP68 (applicable for indoor and outdoor use)

* Detailed specifications please refer to the product catalog of eCove™ WP30 LED Rigid Strip.

LED SOURCE LIFE

Traditionally, the definition of life for light sources is defined at the point which 50% of the lamps fail under specified conditions. However, all necessary components in a LED lighting system will determine useful life time. According to the industry standard, ATG Electronics uses the concept of useful light output and rates product life time at standard of "less than 50% lumen maintenance of original light output".

LED exhibits very long operational life time, typically 50,000 hours or more. However, like all light source, LED light output can degrades and also undergo gradual shifts in color over time.

LED chips, performed lighting effects and working environmental conditions, such as temperature, humidity, and ventilation will affect LED lumen maintenance. The overall LED Lighting System life time could vary substantially based on usage and environmental condition.

ATG Electronics always adopts brand chips and high quality materials and components to make LED Lighting Systems.

QUALITY WARRANTY

This product is sold pursuant to ATG Electronics Standard Terms and Conditions which can be found at www.atgelectronics.com/warranty and which contain important provisions, including, among others, the Quality Warranty, exclusions and limitations on ATG Electronics liability for damages, and restrictions on available remedial actions.

For any after-sales assistance, please contact our Customer Service Team at service@atgelectronics.com. All your concerns and requests will be handled within 12 hours.

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