



ATG Electronics® eLucent™ N Series RGB XPower LED Lamps

USER GUIDE

Part Number HSL-2001T-05A340-H0
HSL-1001T-05A340-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® eLucent™ N Series RGB XPower LED Lamps are intelligent digital lighting solutions. They can create vivid lighting shows or desired brightness via a compact yet powerful remote, and can also be easily synchronized between multiple fixtures.

eLucent™ N Series is available in two models: stand-alone and master-slave. The stand-alone model can work along with remote and change colors or brightness accordingly. The master-slave model includes one master lamp and multiple slave lamps; they change colors or brightness synchronously via inline data communication between lamps. They are available in E27, MR16 and GU10 bases, and can be drop directly into existing sockets.

The remote shall be ordered along with eLucent™ N Series; the user can choose certain preprogrammed lighting shows, including 18 patterns of solid colors, 4 patterns of color-changing, 4 levels of brightness, or achieve power on/off and lock/unlock purpose.

eLucent™ N Series are the ideal solution for bars, stores, casinos, restaurants, hotels, galleries, malls, exhibitions and many other amusement places.

This guide contains important information about installing and operating your new eLucent™ N Series RGB XPower LED Lamps safely and accurately.

Included in this Box

ATG Electronics® eLucent™ N Series RGB XPower LED Lamp, 1 PCs
User Guide, 1Set

Additional Items Needed

Control System: Remote Controller (Part Number: HCD-00010-000000-RL)

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.

ATG
Electronics Corp.

Light your world
Color your life!

Cautions

- 1) Risk of electric shock. Ensure that the power supply is off when installing the device.
- 2) The device must be installed by a qualified electrician or technician in accordance relevant local codes.
- 3) Suggested continuous working time is around 8 hours, never more than 12 hours.
- 4) Do not attempt to connect the device until you read and understand the installation instructions.
- 5) 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.

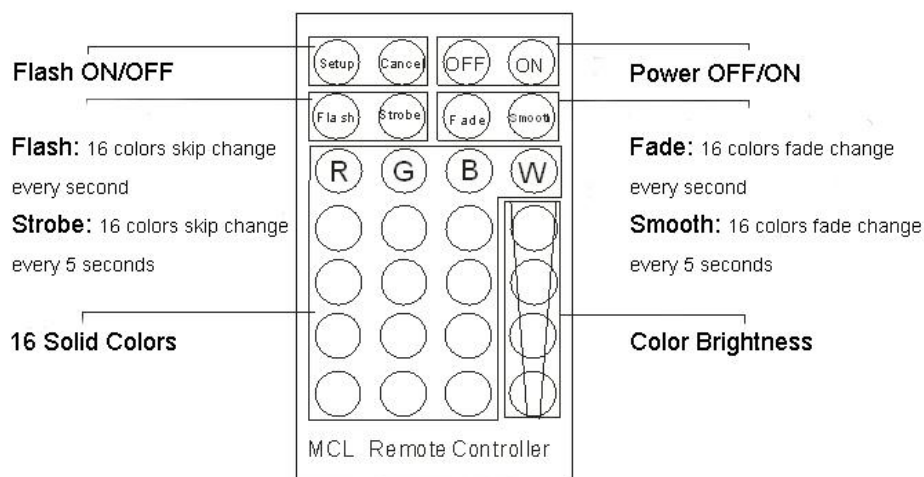
Planning Suggestions

- 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 Steps

- 1) Remove the old lamp from the lamp holder.
- 2) Drop eLucent™ N into the lamp holder.
- 3) Switch on the power to light eLucent™ N.
- 4) Use Remote Controller (Part Number: HCD-00010-000000-RL) to achieve your ideal dynamic lighting effect.

Function Instructions for Remote Controller (Part Number: HCD-00010-000000-RL)



ATG Electronics® eLucent™ N Series RGB XPower LED Lamps Specifications

Base: E27/MR16

Color: RGB

Operation Voltage: 120VAC/240VAC or 12VAC/VDC

LED Qty: 1 LED

Lumens: 95lm

Power Consumption: 5 W

Beam Angle: 68 degree

Work Environment: applicable for dry environment

* Detailed specifications please refer to the product catalog of eLucent™ N Series RGB XPower LED Lamps.

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 degrade 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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