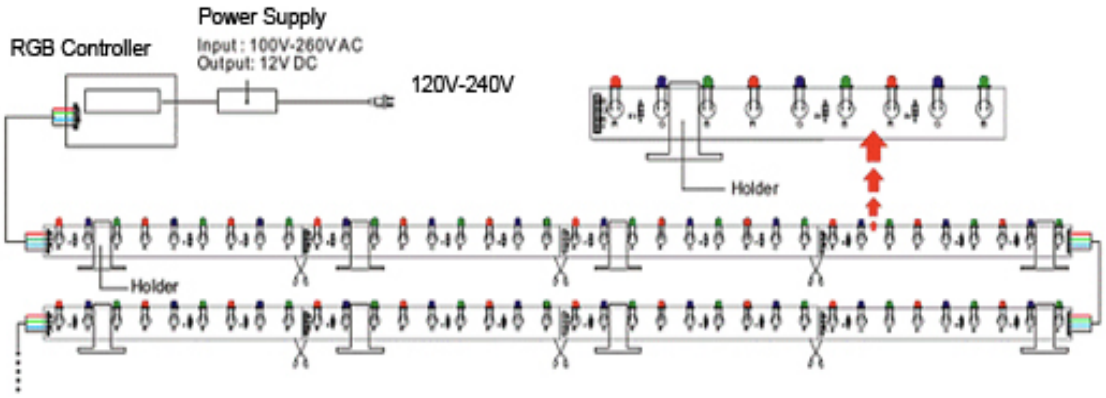
Acolyte Illumibend RGB strips

212-629-4363

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 Electronics Application Engineering Services as needed. **Installation Considerations** When creating your installation plan, consider the following: 1) Location of iSignage™ 36T iSignage™ 36T is non-waterproof which is ONLY suitable for indoor applications. 2) Minimum working unit The minimum working unit is 9LEDs. So cut at every 9LEDs at cutting marks. 3) Maximum series-wound quantity 15 pcs.

Installation Steps 1) Place and fix Iilumibend ™ 36T to the defined area according to project layout with mounting clips; 2) Connect i Iilumibend ™ 36 to each other with 4 wire signal connectors; 3) Connect DMX controller. Make sure the common wires and data wires (red, green and blue wires) are connected properly; 4) Connect the power supply with RGB controller, and plug the power supply into outlet to light up the whole system; 5) Press and select the preferred mode for Iilumibend™ 36T RGB Flex Strips. * Refer to DMX controller manual to operate functions.

Wiring Diagram and installation →



Stand offs \ holder → →

Note stand offs can be mounted on surface by screws or double sided tape.

Each illumibend snaps into the stand off, stand off then mounts to surface (see picture above).

Illumibend™ 36 RGB LED Flex Strip Specifications Operation Voltage: 12 VDC Color: RGB LED Qty: 36LEDs Lumens: 69.36 lm Power Consumption: 2.88 W Beam Angle: 80° Dimension: L360*W17*H0.8 mm (L14*W0.67*H0.03 inch) Work environment: applicable for dry environment *

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.

Any installation questions please call our tech line at 212-629-6830 ext 113.