

ARTICULIGHT

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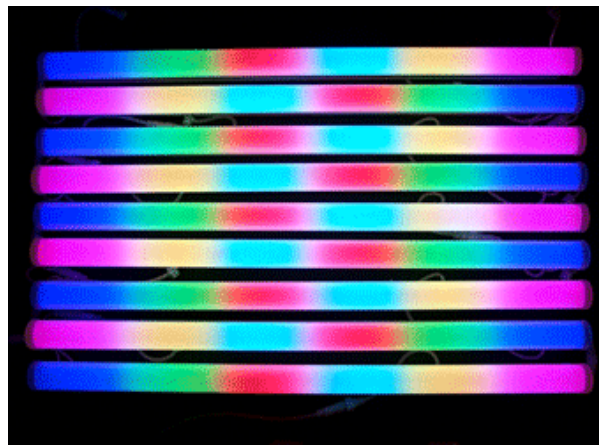
articulight@aol.com

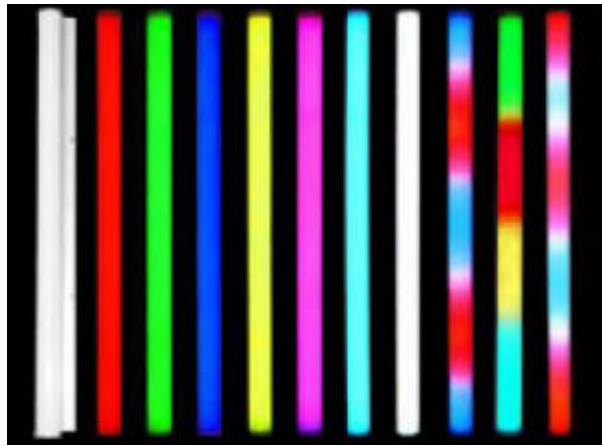
www.articulight.com

LED SERIES

CHROMA TUBE® LED RGB TUBE

COLOR * TEXT * GRAPHICS * ANIMATION * VIDEO





Imagine being able to change color, create patterns and move them along a tube. Now you can with the aptly named CHROMA TUBE®. Instead of neon or fluorescent, an array of LEDs fills each tube. It looks like neon or fiber optics, yet it does much more.

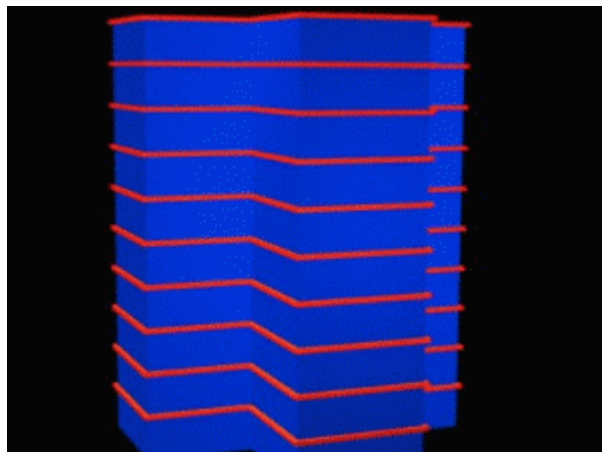
The CHROMA TUBE® instantly comes to life with flowing, ebbing streams of colored light. Custom patterns run automatically or are triggered from existing control systems. Visual effects that were previously impossible are now simple to create and control.

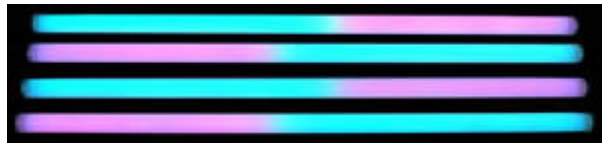
Each section contains individually controllable pixels comprised of red, green, and blue LEDs. Pixels can be uniform for a solid color effect or different to create color patterns. Color patterns can move at varying speeds and continue through linked units.

The CHROMA TUBE® lighting effect is powered by LED technology which offers:

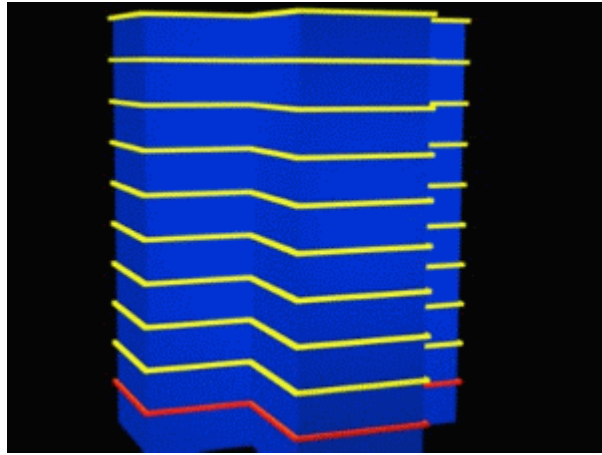
- Ultra-long lamp life
- Minimal maintenance
- Low heat emission
- Low power consumption
- Easy installation

Multiple CHROMA TUBE® fixtures daisy-chain together with power and data jumpers. Each data controller comes loaded with preprogrammed effects. Custom effects can be loaded into the controller via DMX-512 input and then triggered at any time.



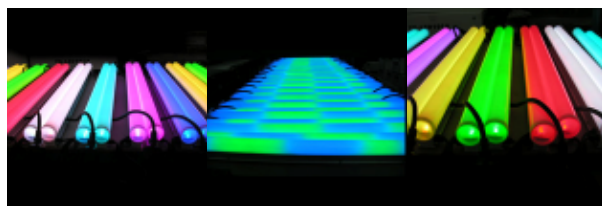
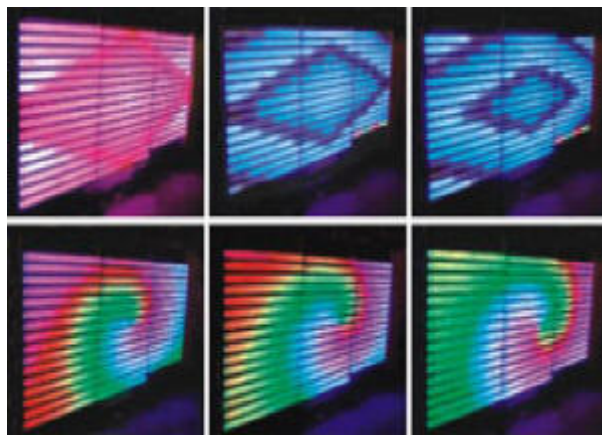


**ADVERTISING * PROMOTION * ARCHITECTURAL * DISPLAY *
ENTERTAINMENT * RETAIL * SIGNAGE**

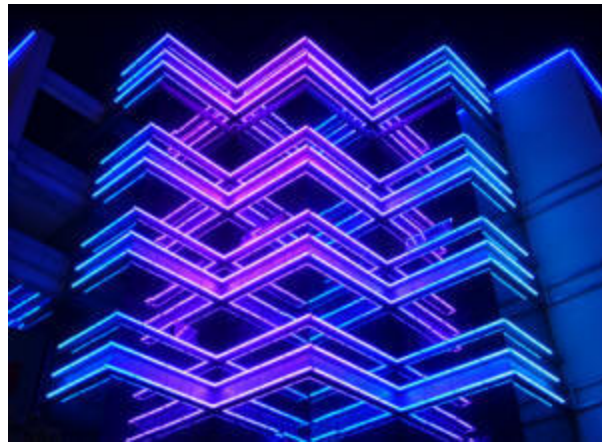


FEATURES

- LED environment-friendly long life light source
- Advanced RGB color-mixing technology
- Energy efficiency (maximum 12 W per meter)
- Resistance to direct sunlight
- Intelligent control system for lighting effects
- No additional power or control boxes required with the unique built-in power + data unit
- Intelligent auto-protect function
- Durable enclosures made of selected materials
- Virtually no gap when units are butted end to end



TECHNICAL DATA



Tube Diameter Options: 30 mm, 50 mm
Tube Length: 1 meter or 30 cm
Voltage: AC 80 V - 240 V; Inside power supply :12 v Current: 20-25 mA
Countercurrent: 5 uA
Frequency: 50/60 Hz
Power: 12 W maximum
Environment temperature: -40 C to 80 C degrees
Number of LEDs: 144 maximum
LED bulbs: RGB color mixing (48 Red, 48 Green, 48 Blue maximum)
Life Span: 100,000 hours
Controlling mode: dynamic or static
Colors: red, yellow, white, purple, orange, green, blue or changeable
Color change: RGB color mixing, solid state, no motors! Brightness:
Red: 700-1300 mcd; blue: 465-474 mcd; green: 1500-3000 mcd
Wavelength: Red: 625-640 nm; Blue: 465-474 nm; Green: 515-524
Beam Angle: >110 degrees
Working environmental temperature: -40 C to 80 C
Housing: Aluminum
Tube composition: clear or milky white optically diffused poly carbonate (PVC)
Color adjustable code: 256 grade
IP Rating: IP 33- 66 (Please see below). More info at
<http://www.articulight.com/acc/IPRatings.html>
CE approved: Yes
Signal Amplifier: already set inside the tubes
Power Supply: already set inside the tubes

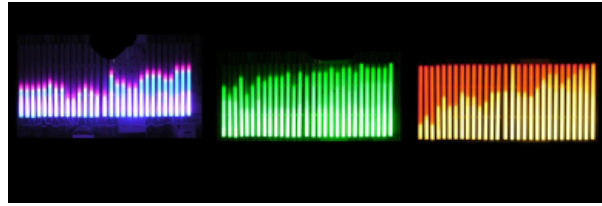
Models:

LED101 (IP 66) 50MM TUBE DIAMETER,

LED101S (IP 66) 25MM TUBE DIAMETER,

LED101B (IP 33), 50MM TUBE DIAMETER,

LED106BEAT (IP33) 50MM TUBE DIAMETER



Suitable controllers: 1. LED101KT. Controls up to 4000 Chroma Tubes, 2. TOP LED (requires a PC) for text and graphics, 3. Third party DMX Controller.



LED101KT CONTROLLER

There are four function buttons on the controller: MODE Set Up, Up and DOWN. • Control up to 4000 CHROMA TUBE®'s
44 Functions including 37 color chase static programs (include solid color and multi-color chases), blackout, auto mode, test mode, address mode, factory settings load, graph mode and DMX512 mode
DMX channels (color, speed, time interval & strobe) • XLR in & Out
Includes 12 VDC, 1000 mA power supply • Dimensions (LxWxH): 210x125x47mm • Weight: 1.5 lbs. / 0.8 kgs.

