



WHY JUST BE
GREEN WHEN
YOU CAN BE
COLORFUL?

The CLBT Series is a simple, energy saving, single color, high voltage LED tube. With an IP65 rating and ETL listing, it is specially produced for outdoor and indoor applications that require a high-visibility, single color border, or linear light.

The CLBT is perfect for building bordering, backlighting, and other areas that require a decorative single color border solution. They are available in either 19.7" (500 mm) length segments containing 72 high power single color LEDs or in 39.4" (1000mm) length segments containing 144 high power single color LEDs.

FEATURES

- Available in warm white (3000K) and pure white (5000K)
- Low power consumption
- Suitable for wet locations
- Long life LEDs eliminate maintenance and replacement expenses
- Easy to install using the included low profile mounting clips
- AC input with built-in power supply in each tube
- UV resistance opaque lens provides even light distribution and wide viewing angle
- 2 year warranty

TECHNICAL SPECIFICATION

- 2 wire, single color
- Voltage: 120VAC
- Frequency: 60Hz
- Weight: 0.77 lbs for the 19.7" unit, 1.32 lbs for the 39.4" unit
- IP rating: IP65
- Dimensions: 19.7" or 39.4" long, 3.27" wide and 2.87" high

PRODUCT SPECIFICATIONS

- LED specs:
 - 72 LEDs on the 19.7" unit and 144 LEDs on the 39.4" unit
 - Input current of 0.033A for the 19.7" unit and 0.077A for the 39.4" unit
 - Total lumen output: 37.9lm (39.4" unit)
 - Total lumen output: 18.95lm (19.7" unit)
 - Power: 4W (19.7" unit), 8W (39.4" unit)
 - Efficacy: 4.7 lm/w
- Construction:
 - Lens: Opaque white polycarbonate with anti-UV additives
 - Base: Extruded aluminum
- Mounting: Unit is provided with two low profile mounting clips
- Product length: Available in 19.7" or 39.4"
- Operating temperature: -4°F - 113°F (-20°C - 45°C)
- Operating humidity: 0~95%
- Input connector: 2-pin male connector
- Output connector: 2-pin female connector
- 2 year warranty, does not apply to damages caused by improper installation, abuse, fire or acts of God

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____

CLBT

LARGE LINEAR LED BORDER TUBE



Palms Place
Las Vegas, NV

APPLICATIONS

- Outdoor linear lighting
- Building accent lighting
- Decorative lighting
- Casino outdoor lighting
- Hotel decorative applications
- Restaurant/bar décor



For the complete line of specialtyLED® products, visit us online at barronltg.com.

SPECIFICATIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE

ORDERING INFORMATION

Example: CLBT-120-500-72-WW


Series	Voltage	Length	Color
CLBT	120 = 120VAC	500-72 = 500mm (19.7"), 72 LEDs	WW ¹ = Warm White (3000K)
		1000-144 = 1000mm (39.4"), 144 LEDs	WP ¹ = Pure White (5000K)
			XX ² = Custom Single Color

Notes

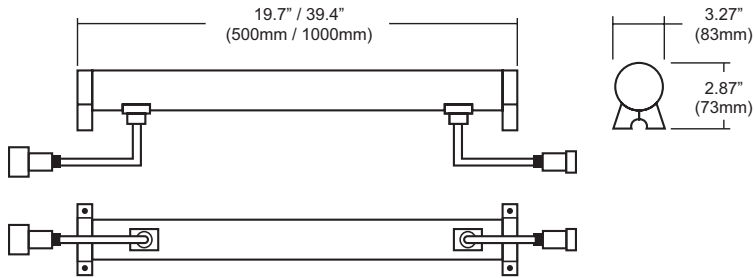
¹ Color temperatures can vary by ±5%

² Consult factory for custom color temperatures

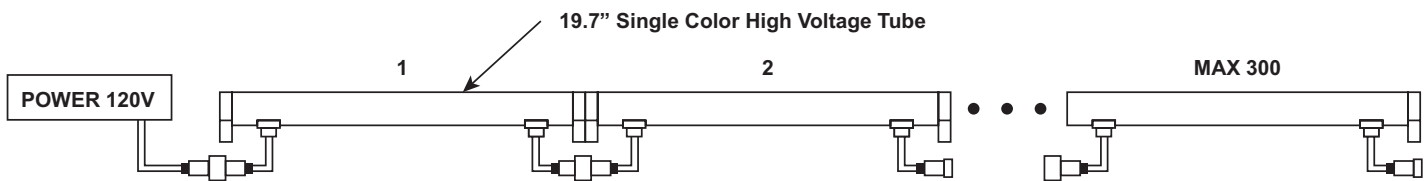
ACCESSORIES (ORDER AS SEPARATE LINE ITEM)

PART NUMBER	IMAGE	DESCRIPTION
CLBT-8'-JUMPER		120V power extension cable, 8'-0", screw compression fittings.

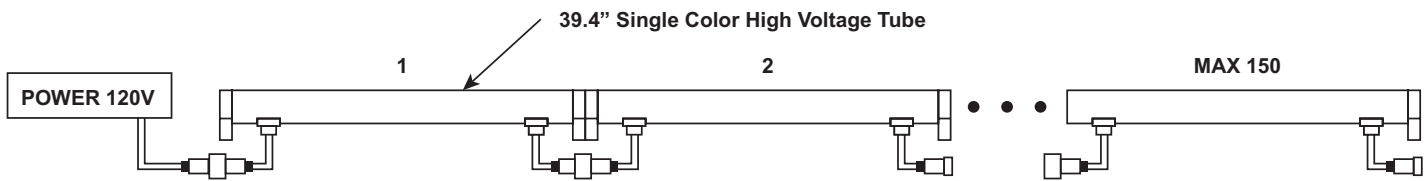
DIMENSIONS



TYPICAL INSTALLATION



Can run up to 300 units (19.7") based on a 20A circuit



Can run up to 150 units (39.4") based on a 20A circuit

