



LED Illumination System Border Tube BTL Series

The Leotek Advantage

Leotek's LED Border Tube Illumination System provides uniform color to accommodate both interior and exterior applications.

Features and Benefits

- Significant energy and maintenance savings.
- Environmentally friendly.
- Efficient alternative for neon, fluorescent and other conventional light sources.
- Built-in Constant Voltage Source provides uniform light output from the first to the last module.
- Up to 80% energy savings as compared to neon.
- Maintains 70% of the initial lumen intensity after 50,000 hours of operation.
- 5-Year Limited Warranty



Technical Data

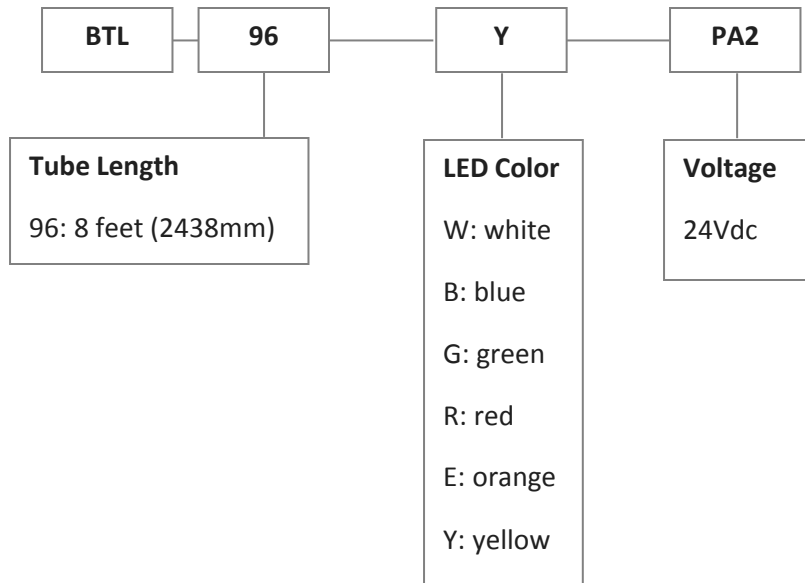
Input Voltage:	24Vdc
Operating Temperature:	-4°F to 140°F (-20°C to 60°C)
Storage Temperature:	-4°F to 185°F (-20°C to 85°C)
LED Color Temperature	Cool White 5000K
Material:	UV-a and UV-b resistant polycarbonate
IP Rating:	67
Dimensions:	1-1/8 inch (H) x 13/16 inch (W) {28.5mm (H) x 20.3mm (W)}
Weight:	0.17 lb/ft (79 grams/ft)
Cutting Allowance (Electrical Design):	LED board may be cut every 3 inches.
Recommended Leotek Power Supply:	Model No. CLP-090B (90W, 24Vdc)

Optical Characteristics

Radiation Color	Power Consumption (W/ft)	LED Type
White	1.6	InGaN
Blue	1.6	InGaN
Green	1.6	InGaN
Red	2.2	AllnGaP
Orange	2.2	AllnGaP
Yellow	2.2	AllnGaP

Ordering Options

Example BTL-96Y-PA2:



Please Note: Leotek does not offer separate tube colors for LED colors with the exception of the white LED's, which can be ordered with translucent (clear) tube, i.e.: BTL-96TW-PA2.

Accessories



Mounting Bracket
BTL-BS02A
Quantity of 10.



Power Lead
CLW-040A
20AWG /40"
Quantity of 10.



End Cap
SIBTL-SB001
Quantity of 1.



Splice Joint
PPCBTL-
SJW001 White
SJB001 Blue
SJR001 Red
SJT001 Clear
Quantity of 1.



Outside Corner
PPCBTL-
UCW001 White
UCB001 Blue
UCR001 Red
UCT001 Clear
Quantity of 1.



Inside Corner
PPCBTL-
ICW001 White
ICB001 Blue
ICR001 Red
ICT001 Clear
Quantity of 1.

