



INNOVATIVE  
LIGHTING



Architectural  
Systems

Cold  
Neon



Cold Neon End Cap  
CNL-END

	inches	mm
L	1	25
W	3/4	19
H	3/4	19



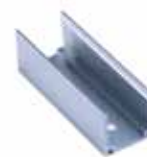
Cold Neon LED  
CNL-24V

	inches	mm
L	**	**
W	5/8	16
H	1 1/4	32



Cold Neon Power Cord  
- Direct

CNL-PWR-D  
3FT length



Cold Neon Alum.  
Mounting Clip 2"  
CNL-MTGCLP

	inches	mm
L	2	51
W	3/4	19
H	3/4	19

## Product Specifications

### Description

The revolutionary Cold Neon LED that solves all of the problems of traditional glass neon. You will not be able to tell it apart from glass neon until you touch it. LED Technology allows for easy installation, vibrant colours, and great results. Gone are the days of high voltage, heat, EM fields, and large electrical bills.

Cold Neon LED is low voltage, long-lived with solid state long life LED technology. It is field cuttable, durable enough for outdoor use, and produces very limited heat. The PVC casing is breakage free and water resistant! UV and impact resistant acrylic diffuser.

Superior Grade UB LEDs provide consistent wavelength, high stability and low lumen depreciation, leading to a truly long functional life.

### Specification Guidelines

Each Cold Neon run requires a power cord, an end cap, LED driver and optional mounting.

Contact your local representative or BL Lighting for information and assistance on designing Cold Neon systems. When attaching connections it is imperative that they are suitable for the environment. Silicone may be required to seal connections and end caps from moisture.

Cold Neon is shipped in bulk lengths to be terminated in the field, unless otherwise specified.

If the outer shell is damaged, the section must be discarded.

Owing to the color variance of white LEDs it is our recommendation that color samples be approved prior to shipping of orders.





Cold Neon Alum.  
Mounting Track 39"  
CNL-ALTRK

	inches	mm
L	39	991
W	3/4	19
H	3/4	19



Cold Neon T Connector  
CNL-T

	inches	mm
L	1	25
W	3	76
H	3	76



Cold Neon L Connector  
(Hor./Inside/Outside)  
CNL-L-A/B/C

	inches	mm
L	3	76
W	1	25
H	3	76



Cold Neon X Connector  
CNL-X

	inches	mm
L	4	102
W	4	102
H	1	25

## Mechanical

Bend Radius:  
2" minimum.

Mounting:  
Aluminum channel or clips.

UV and impact resistant PVC  
protective shell.

Excessive and/or repetitive  
handling may damage  
electrical connections.

Maximum run length: 50ft

## Environmental

Operating Temperature:  
-10° - 40°C

Minimum Install Temperature:  
0°C

Maximum Humidity:  
100%

Install in an area where heat  
can dissipate.

Operating while under  
extreme ambient temperature  
conditions may reduce the life  
expectancy.

## Electrical

Load Voltage:  
24VDC

Load Current: Max 0.08A/ft  
# LEDs: 24/ft

Wiring:  
Min 16AWG (Refer to local  
electrical codes for specific  
requirements).

All electrical connections  
must be made in accordance  
with electrical codes.  
Individual circuits should  
be fuse protected. Series/  
Parallel wired, terminations  
can be made at regular  
intervals in the field or at the  
factory.

## Mounting

Options:  
Cold Neon can be mounted  
using aluminum channel,  
aluminum clips, or in  
a routed groove or a  
combination thereof.

