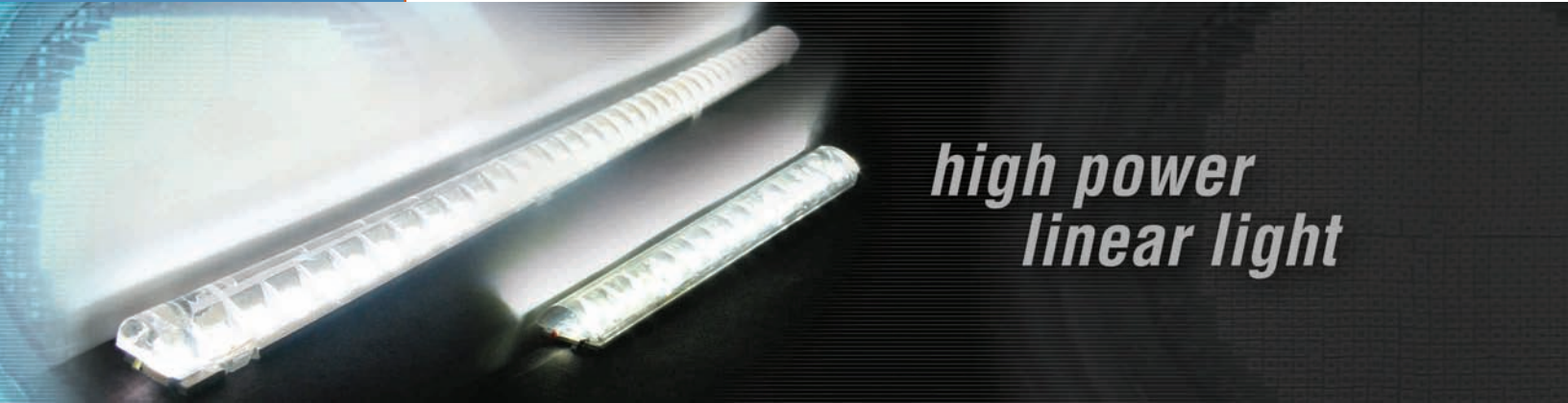




# NovaLine™



*high power  
linear light*

## FEATURES:

- ◆ *High Luminous Flux*
- ◆ *Advanced Thermal Management*
- ◆ *Warm White Color Spectrum*
- ◆ *Excellent Uniformity*

As a cost effective drop-in replacement for fluorescent lighting, the NovaLine combines long life, superior color, and high performance thermal management.

The NovaLine LED light represents another breakthrough from Innovations in Optics. It utilizes a linear array of high brightness LED chips, and patent-pending technology to maintain color uniformity and consistency previously unseen in LED lighting.

Available in lengths of 10-inches and 4-inches, and input powers ranging from 3-15 Watts, the NovaLine is an ideal solution for a variety of illumination applications.

## TYPICAL APPLICATIONS:

- ◆ *Architectural*
- ◆ *Step Lights*
- ◆ *Display Case*
- ◆ *Garden and Pathway*
- ◆ *Refrigeration*
- ◆ *Machine Vision*



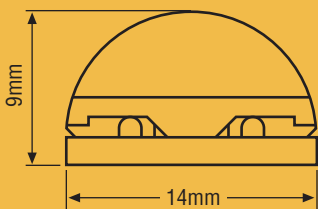
- ◆ Patent pending manufacturing processes guarantee enhanced spectral distribution for excellent color rendering (CRI > 85) as well as repeatability and uniformity
- ◆ 120 degree radiation pattern ideal for broad wash illumination

### Heat Sink Recommendations

Innovations in Optics recommends attachment to standard finned aluminum heat sink via self-tapping screws from underside of heat sink. Thermal grease or gap pad is required to maintain proper thermal connection.

### Electrical Connections

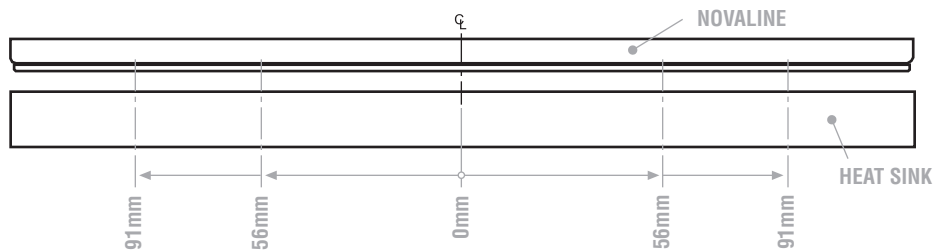
The NovaLine is delivered with 4 attached wires: Anode (red) two cathode (black), and one reference ground (yellow). Typically, the reference ground and cathode must be connected to each other for operation.



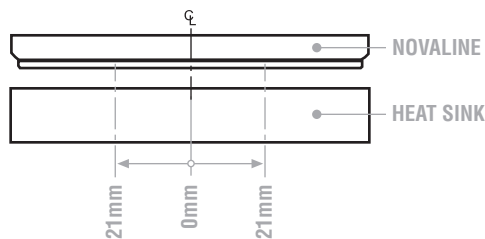
### Product Specifications

Model Number	Length (inches)	Forward Voltage (V)	Rated Current (A)	Luminous Flux (Lumens)	Color Temperature		
					MIN	TYP	MAX
BL01-10-14	10	16	0.95	296	4500	4650	4800
BL01-10-07	10	16	0.45	148	4500	4650	4800
BL01-04-05	4	16	0.35	112	4500	4650	4800
BL01-04-03	4	16	0.20	65	4500	4650	4800

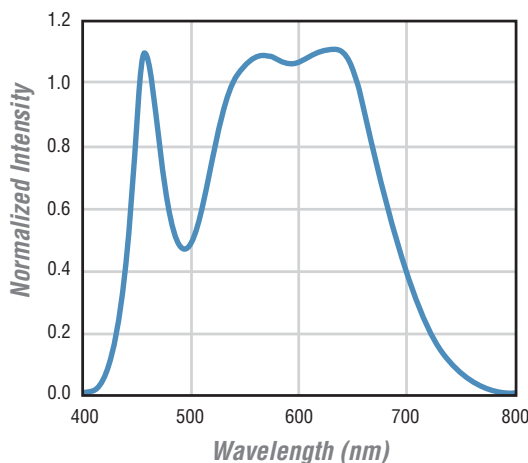
### Thru-Hole Locations for BL01-10-XX



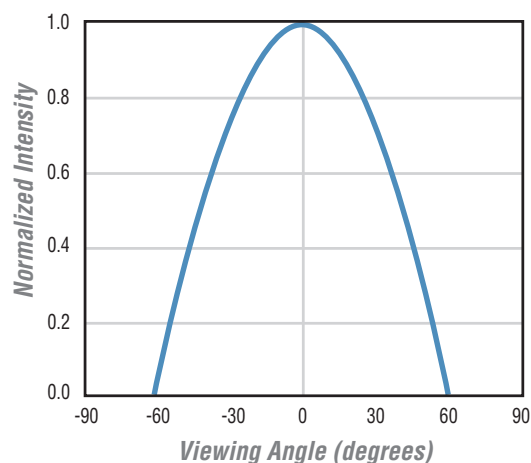
### Thru-Hole Locations for BL01-04-XX



### White Spectral Characteristics



### Beam Intensity



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