

# *Illumination Systems*

**PRIOR**  
S c i e n t i f i c

## **150-CL150 Fiber Optic Illuminator**



- 150 watt fiber optic/cold light illuminator
- Variable intensity control
- 3 models available (single light guide, bifurcated light guide or ringlight)
- Color temperature of 3250K

## **150-CL20 Fiber Optic Illuminator**



- Economic fiber optic solution
- Choice of single or bifurcated light guide
- Small footprint for easy positioning
- Color temperature of 3100K



Illumination is a critical component of any optical system. Prior Scientific offers a wide variety of illumination systems to meet the needs of virtually any microscope application. Improve your microscopy results with the proper light source from Prior Scientific

Illumination systems and components available:

- Economical 20 watt fiber optic/cold light illuminator
- Three 150 watt fiber optic/cold light illuminator packages
- 10 watt incident light spot illuminator
- Fiber optic and fluorescent ringlights
- Light guides for custom applications



### 150-FLR Fluorescent Ring Light

- Optional white, yellow and ultraviolet bulbs are available
- 360 degrees of bright shadow free illumination
- Ideal for applications that require inspection of small parts
- Flicker free and no ballast humming
- Plastic casing is cool to the touch and prevents heat from affecting specimens
- Lamp provides long working life
- Built-in power supply



### 100-S2041 Spot Illuminator

- 12 volt 10 watt lamp with transformer and variable intensity control for even illumination across the entire field of view.
- Flexible double link arm can be easily adjusted to a variety of positions
- Small footprint and compact size allows for convenient positioning on any bench or work station

## Ordering Guide

### Complete Systems

- 150-CL20SN** 20 watt fiber optic light source with 18" single light guide
- 150-CL20GN** 20 watt fiberoptic light source 18" bifurcated light guide
- 150-CL150/1** 150 watt fiber optic light source with 20" single light guide
- 150-CL150/2** 150 watt fiber optic light source with 20" bifurcated light guide
- 150-CL150/3** 150 watt fiber optic light source with ringlight
- 100-S2041** 12-volt 10-watt incident spot illuminator on flexible arm with variable intensity control. Dual voltage 110/220VAC.
- 150-FLR** Fluorescent ring light

### Components

- 150-CL20** 20 watt light source (no light guide)
- 150-CL150** 150 watt light source (no light guide)
- 150-SNLG/20** single 18" light guide (for CL20)
- 150-SNLG/150** single 20" light guide (for CL150)
- 150-GNLG/20** 18" bifurcated light guide (for CL20)
- 150-GNLG/150** 20" Bifurcated light guide (for CL150)
- 150-RL261** Ringlight (for CL150)
- 150-FLRB** Standard bulb (for 150-FLR)
- 150-FLRWB** White bulb (for 150-FLR)
- 150-FLRUVB** Ultraviolet bulb (for 150-FLR)
- 150-FLRYB** Yellow bulb (for 150-FLR)

## Illumination Systems

# PRIOR

Scientific

**Prior Scientific Inc.**  
80 Reservoir Park Drive  
Rockland, MA 02370  
800-877-2234  
781-878-8442  
Fax: 781-878-8736

Visit Prior on the web at [www.prior.com](http://www.prior.com)

Specifications subject to change without notice