

# LDB102/103 Brightfield

## White Light LED illumination

Providing over 10,000 hours of lighting, the LDB102/103 from Prior Scientific can be simply fitted to the lamphouse of most modern microscopes, replacing the standard illumination source. The unit can be either controlled via the powerful ProScan® III control system, enabling easy integration into most major imaging software, or as a stand alone unit with its own power supply. Furthermore, Nikon users can benefit by integrating their Brightfield LED into their Nikon Hub via the LDBNHUB adapter.

### Powerful illumination

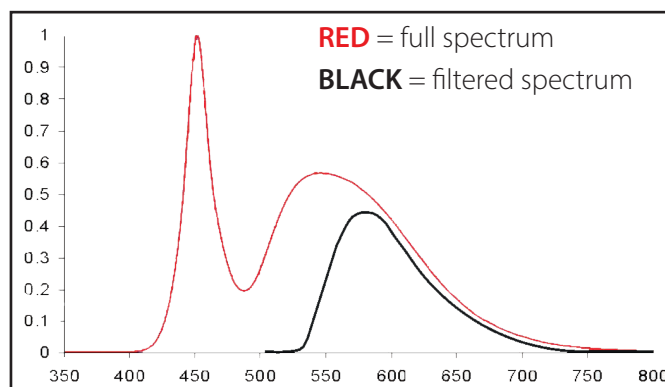
- 10,000 hours of consistent, powerful illumination
- Highly intense, even light produced
- Suitable for phase contrast/DIC imaging applications

### Easy control

- Rapid switching on and off and adjustment of the level of illumination
- TTL connections allows rapid control of illumination
- LDB103 is controlled by the ProScan® III control system, allowing easy integration into the overall imaging system
- LDB102 is a stand alone system, with a digipot to regulate the intensity of light emitted
- The LDBNHUB allows Nikon users to integrate their Brightfield LED into the Nikon hub and control the illumination via NIS elements

### Reliable Imaging

- A filter at 550 nm reduces the background fluorescence attributed to stray light
- No need for shutters
- Low levels of heat and vibration produced, reducing disruption to the imaging process
- Slide in filter enables up to two filters to be added



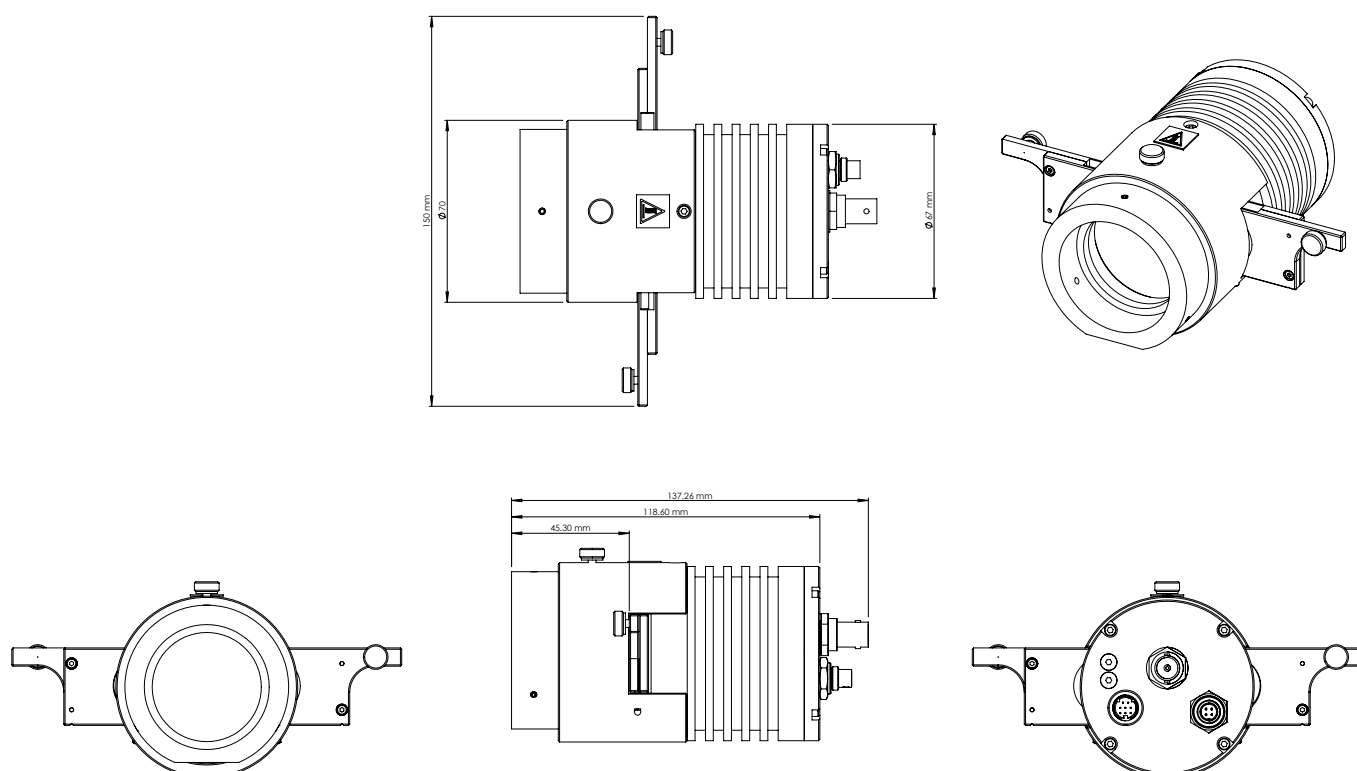
### COMPATIBLE WITH:

- V31XYZEF ProScan® III Controller
- VLD31XYZEF ProScan® III Controller
- V31F ProScan® III Controller
- V31ADF ProScan® III Ancillary box
- LDBNHUB

# LDB102/103 Brightfield

White Light LED Illumination

More to Prior than meets the eye



## ORDERING INFORMATION:

| PART CODE | DESCRIPTION                                                           |
|-----------|-----------------------------------------------------------------------|
| LDB102LC  | Brightfield LED for Leica microscopes for stand alone use             |
| LDB103LC  | Brightfield LED for Leica microscopes for use with Prior controller   |
| LDB102NI  | Brightfield LED for Nikon microscopes for stand alone use             |
| LDB103NI  | Brightfield LED for Nikon microscopes for use with Prior controller   |
| LDB102OL  | Brightfield LED for Olympus microscopes for stand alone use           |
| LDB103OL  | Brightfield LED for Olympus microscopes for use with Prior controller |
| LDB102ZS  | Brightfield LED for Zeiss microscopes for stand alone use             |
| LDB103ZS  | Brightfield LED for Zeiss microscopes for use with Prior controller   |

## WORLDWIDE DISTRIBUTION



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