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**MAGNUS**

## 3 Channel Epi LED (Blue, Green & UV)

EpiLED Attachment

# EpiLED

## FLUORESCENCE ATTACHMENT

Introducing EpiLED, the new reflected fluorescence microscope attachment from magnus that uses a unique proprietary optical illumination system allowing significant increase in performance and cost reduction making it an ideal advice for routine fluorescence applications.

### Key Features

- Choice of 3 filters (B, G & UV)
- Easy switching between filters
- Powerful LED with long life time
- Variable light intensity controls prevents Photo bleaching
- Separate ON/OFF switch for UV exposure protection



[www.magnusopto.com](http://www.magnusopto.com)

# SPECIFICATIONS

## Magnus Fluorescence Attachment Model EpiLED

✓ <b>Lifetime</b> > 30,000 hrs	✓ <b>LED</b>	✓ <b>Modules Available for the following microscopes</b> Magnus MX21i, Magnus MLXi Plus, MLXi Plus Pro
✓ <b>Excitation</b> Blue : 450 nm – 490 nm Green : 505 nm – 555 nm UV : 350 nm – 390 nm		✓ <b>Emission</b> Blue : 510 nm Green : 575 nm UV : 410 nm
✓ <b>APPLICATIONS</b> <b>Blue-</b> FITC, Alexa 488 <b>Green-</b> Rhodamine, TRITC <b>UV-</b> DAPI, Hoechst		

# KEY FEATURES

✓ <b>No lamp replacement required</b> (LED lasts over 30,000 hours, as compared to 250 hours for mercury lamps)
✓ <b>Same light intensity throughout its lifetime</b> (no light variation observed by user)
✓ <b>Minimal photo-bleaching</b> due to variable light control which allow adjustment of illumination intensity
✓ <b>No warm up time</b> required for the light resource
✓ <b>Lower power consumption</b>
✓ <b>Two applications in one</b> - users can easily switch between brightfield and fluorescence applications without removing fluorescence module
✓ <b>Environment friendly (no mercury)</b>
✓ <b>Choice of three filters Blue, Green &amp; UV</b>

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