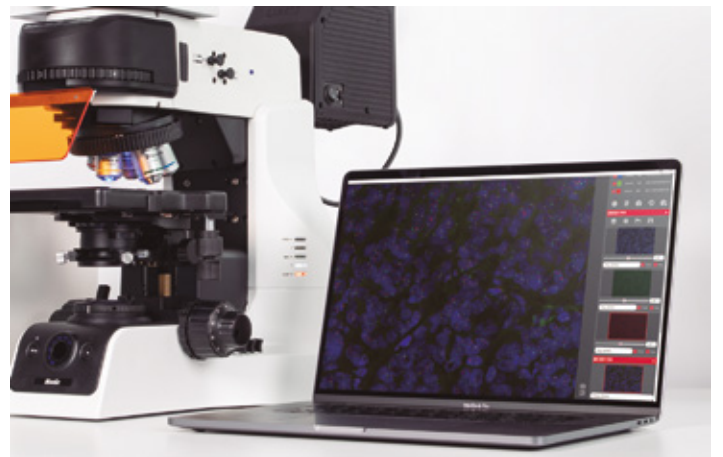


Accessories / Light Sources

# LUMOS

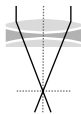









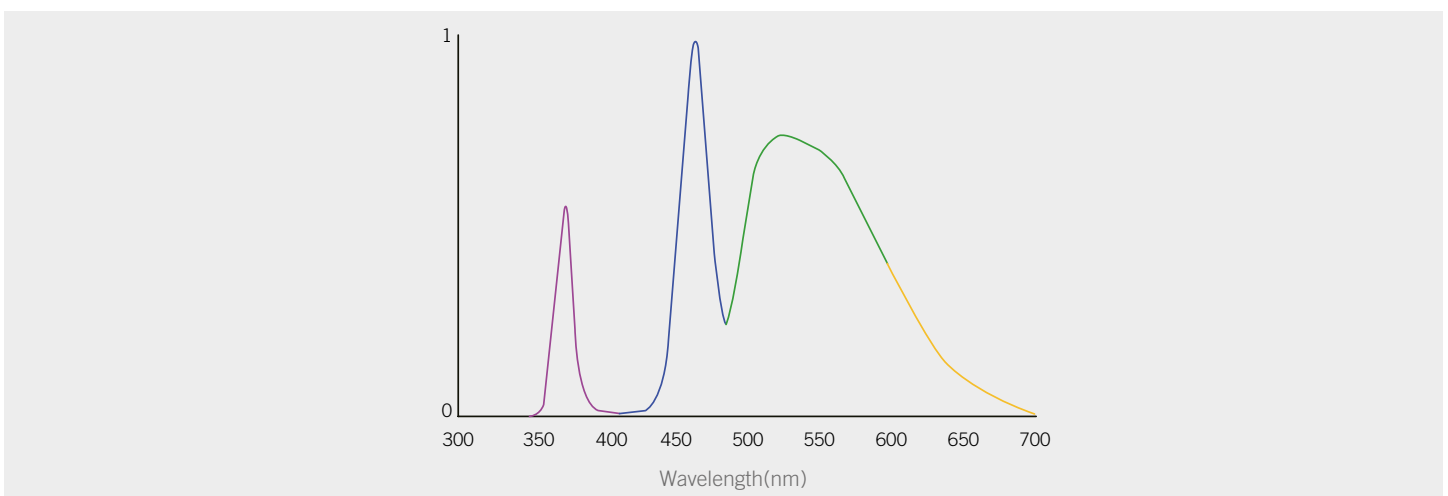


Accessories / Light Sources

## LUMOS

<b>Light Sources*</b>	High power Color LED (UV, B, G) x3
<b>Channel</b>	UV (peak @ 395nm), Blue (peak @ 460nm), Green (peak @ 540nm)
<b>Output Power</b>	UV (760mW), Blue (610mW), Green (530mW)
<b>Estimated LED life span**</b>	20,000 hours or 8 years (Whichever comes first)
<b>Speed of LED switching</b>	Millisecond level
<b>Environmental operating temperature</b>	5 to 40 °C
<b>Environmental operating pressure</b>	75KPa to 106KPa
<b>Control pad connection to system</b>	Wireless
<b>Connection to computer or/and microscope</b>	USB interface (with PA53 BIO Series)
<b>Power Requirements</b>	130W (15 V/8.66 A) DC power supply included
<b>Dimensions (W x L x H)</b>	108mm x 200mm x 162mm
<b>Weight</b>	2.7kg

 <p>Highly corrected optical path design</p>	 <p>No danger to users from toxic mercury vapor</p>	 <p>Individual control of each LED channel</p>
 <p>Lifespan of over 20,000 hours, versus only 200 hours offered by mercury arc lamps <b>20.000hrs</b></p>	 <p>Instant on/off, ready to use at the flip of a switch</p>	 <p>Broad spectrum spread</p>
 <p>Zero heat damage to samples from the light emitted</p>	 <p>Avoids stray light interference, avoiding mistakes when interpreting the images</p>	



\* Single white full spectrum LED is not used to ensure optimum excitation for the channel selected

\*\* Estimated Life Span: vary depends on actual operation condition