

Accessories / Light Sources

LUMOS

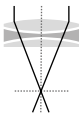





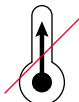



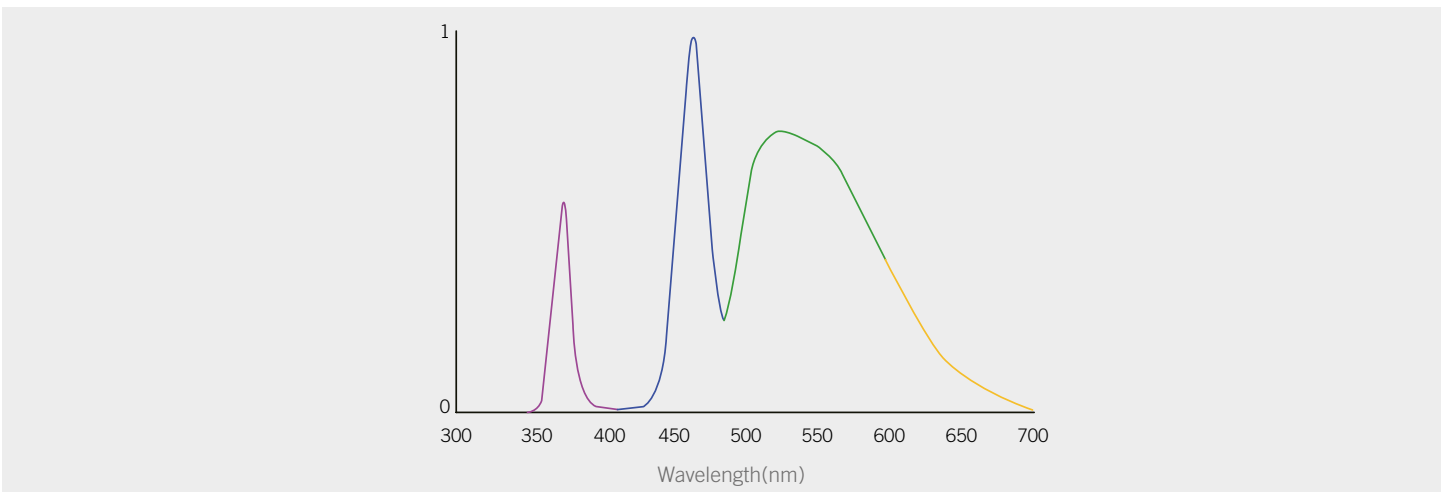


Accessories / Light Sources

LUMOS

Light Sources*	High power Color LED (UV, B, G) x3
Channel	UV (peak @ 395nm), Blue (peak @ 460nm), Green (peak @ 540nm)
Output Power	UV (760mW), Blue (610mW), Green (530mW)
Estimated LED life span**	20,000 hours or 8 years (Whichever comes first)
Speed of LED switching	Millisecond level
Environmental operating temperature	5 to 40 °C
Environmental operating pressure	75KPa to 106KPa
Control pad connection to system	Wireless
Connection to computer or/and microscope	USB interface (with PA53 BIO Series)
Power Requirements	130W (15 V/8.66 A) DC power supply included
Dimensions (W x L x H)	108mm x 200mm x 162mm
Weight	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 20.000hrs</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