

# WISPEC-LED White Light Source

(Art.-No. 160000017)

Preliminary

IMM Photonics presents a newly developed LED featuring a continuous spectrum from 400 nm to 750 nm. Due to their internal design, standard white LEDs have a gap in the spectrum between 400 nm and 450 nm as well as around 500 nm. The new WISPEC-LED now sets out to close this gap.



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Depending on the application, the light can be individually adjusted due to the use of an individual addressable LED array. For example it is possible to generate "Cool White" with a colour temperature of  $> 7.800$  K. A CRI (Colour Rendering Index) value  $> 90$  can be realized as easily as a lighting current of  $> 130$  lm. A colour mixing stick (optional) provides a homogenous localized and spectral light distribution. An additional advantage is the missing Infrared radiation, which has detrimental effects on many applications.

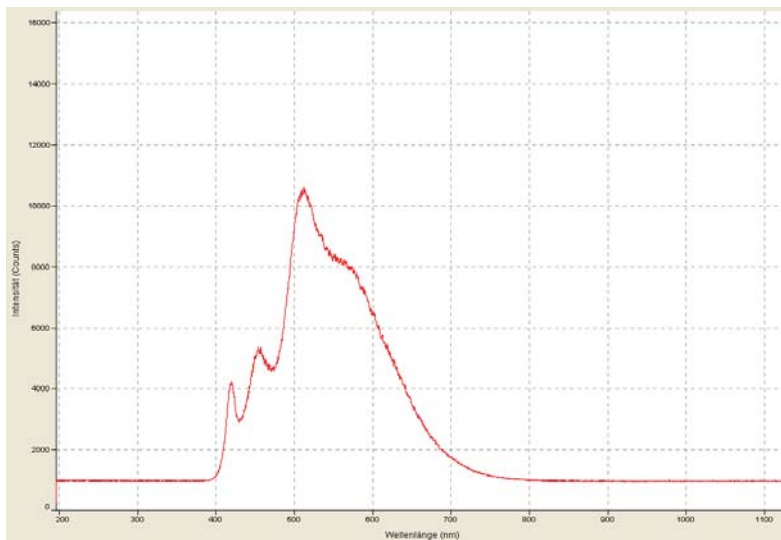
## Applications

- specially developed to replace halogen lamps
- microscope lighting
- colour management

## Purchased Parts WISPEC-LED (160000017)

- LED White Light Modul: 1600000010
- Connecting Cable: 8900000853
- PCB for LED White Source Module: 2000000204
- Power Supply 6V / 3A: 8900000868

## Spectrum



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