



Description

Epi-Light has integrated the latest semiconductor technology with precision optics, thermal management, mechanical components and control electronics to produce our Back light. Epi-Light's Back Light combines an ultra high-power LED illuminator with specialised optics to produce a unique imaging tool. Back Light delivers unmatched levels of brightness and illumination uniformity in a very compact form.

- High brightness LED light source
- Even illumination over a large surface area
- Very high uniformity in projected pattern
- Easy integration with camera or microscope optics
- Electronic control – does not require mechanical shutters, instant on/off, zero warm up time
- Environmentally and operationally safe - no hazardous materials
- High reliability and long lifetime

Specifications

Wavelength	UV/Blue/Green/Amber/Red/White
Bandwidth	30nm (typical)
Uniformity	>90%
Pattern	Circular or Square (others available)
External construction	Fan cooled anodised aluminium
Mounting (included)	1 x M6 screw
Power supply (included)	100-240VAC or 24VDC in 0-100% 1A constant current out.
Options	Various power supplies, mounts, beam angle and patterns are available.

Dimensions

