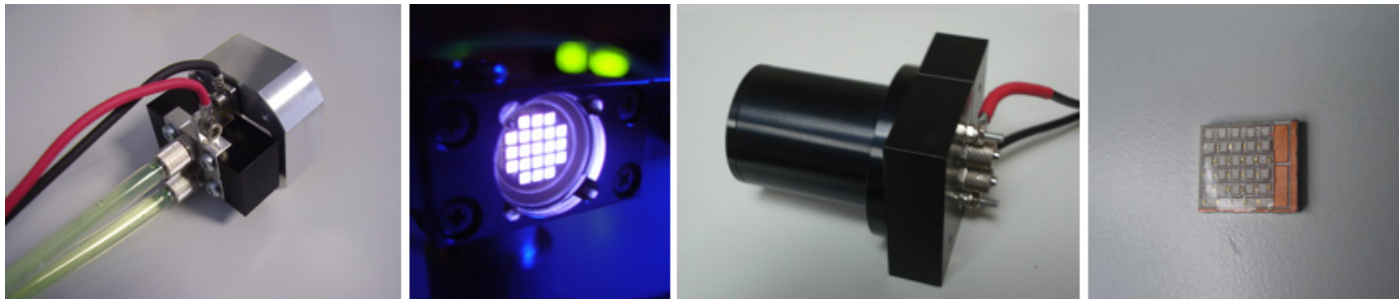


Flood Light Datasheet



Description

Epi-Light has integrated the latest semiconductor technology with precision optics, thermal management, mechanical components and control electronics to produce our high power Flood Light. The Flood Light produced by Epi-Light is amongst the highest power LED systems available. The systems are scalable and can be configured with different optics, electronics or mechanical components to suit particular applications. The LED array sources can exceed 10w/cm² optical power making these devices viable alternatives to older technologies such as mercury lamps while presenting efficiency, safety, environmental, lifetime and functional benefits.

- Very high power intensity Ultra Violet, Visible or Infrared emission
- Emits narrowband light typically 30nm or less.
- Generates no heat (cool light source)
- Compact packages, custom designs
- Switches on/off instantly – zero warm up time
- Electronic control – does not require mechanical shutters
- Non toxic – no mercury or lead
- High reliability and long lifetime.

Specifications

Wavelength	365, 400, 460, 525, 623, Cool White, Neutral white, Warm White Other wavelengths available upon request.
Bandwidth	20nm (Typical)
Optical power	5000mW (typical, range <1 - >10W)
Voltage	24VDC (typical, range 5 - 48VDC)
Current	4A (typical, range 1 - 20A)
External housing	Anodised aluminium
Thermal management (included)	Liquid cooled heatsink
Mounting (Separate mount included)	M6 screws
Power supply (Included)	100-240VAC or 24VDC input Variable constant current out

Dimensions

