

# Electronic HMI ballast - 2500 / 4000 watts

Reference: LHB-EB4000W



- Type: electronic flicker Free
- Line power: 4650VA (max.)
- Power: 2500W / 4000W
- Supply voltage: 90-265VAC 50/60Hz L,N,PE
- Nominal current: 52-19A
- Power factor: 0.98
- Dimming range: 50%-100%
- Starting: cold start & hot restrike
- Dimensions: 243H x 370W x 450L mm
- Weight: 20 kg



## Product description:

The new generation of Cinelight electronic ballasts can safely power the HMI Compact Fresnel 2500/4000W / HMI PAR 2500/4000W lighting fixtures while meeting the challenges of modern digital high-speed shootings.

The ballast employs the ALF technology (Active Line Filter) which minimizes the power line interference, providing a higher Power Factor for a more efficient power use. This translates to a consistent color temperature and flicker-free

dimming, despite any voltage fluctuations.

The dedicated high-speed function of the ballast drives the lamp to 300Hz or 1000 Hz to ensure a flicker-free image in slow motion shootings. (high speed filming)

The ON/OFF power switch on the ballast control panel allows for hot re-striking, while the dedicated dimming button reduces the power down to 50%.

Safety circuits such as over-voltage, over-temperature and short-circuit protection provide a safe and reliable operation.

### Key Features:

- Works with 2500/4000W HMI Fresnel / PAR lamp heads
- universal voltage, automatic switch-over for 115V and 230V power supplies
- Active Line Filter (ALF) minimizes power line disturbance & voltage spikes
- dimmable power down to 50%
- high-speed on 300Hz or 1kHz lamp frequency for flicker-free images on slow motion shootings
- constant power output and color temperature
- low noise operating mode
- line over-voltage protection
- protection from overheating

### Product features:

Power connector type: CEE 2P+E  
Power cord total length: 3.5 m  
DMX control: Optional  
Ballast power: 2500W / 4000W  
Ballast line power: 4650VA  
Ballast operation voltage: 90-265VAC  
Ballast nominal current: 19A-52A  
Ballast current characteristics: square wave, 75Hz  
Ballast power factor: 0.98  
Ballast dimming range: 100%-50%  
Ballast starting: Hot re-strike  
ballast power cable length: 7.0 m  
Ballast dimensions: 24 x 37 x 45 cm  
Ballast weight: 20 kg  
Ballast protection class: IP32  
Ballast frequency : 50-60 Hz