

# 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
- DMX control optional
- 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.

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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
- optional DMX control

## Technical Specifications:

## HMI - Ballast

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