

Electronic HMI ballast - 6000 watts

Reference: LHB-EB6000W



- Type: electronic flicker Free
- Line power: 6900VA (max.)
- Power: 6000W
- Supply voltage: 90-265VAC 50/60Hz L,N,PE
- Nominal current: 38-26A
- Power factor: 0.98
- Dimming range: 50%-100%
- Starting: cold start & hot restrike
- Dimensions: 243H x 370W x 450L mm
- Weight: 26 kg



Product description:

The new generation of Cinelight electronic ballasts can safely power the HMI Compact Fresnel 6000W / HMI PAR 6000W 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 6000W 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

Technical Specifications:

HMI - Ballast

Ballast power	6000W
Ballast line power	26A-38A
Ballast nominal current	6900VA
Ballast operation voltage	180-265VAC
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	15 m
Power cord total length	3.5 m
Power connector type	CEE 2P+E
Ballast dimensions	24 x 37 x 45 cm
Ballast weight	26 kg
Ballast protection class	IP32