# HMI PAR 200 watts kit

Reference: LHP-PAR200

- Power: 200W
- Daylight-balanced (6000K) spotlight
- Single ended line of Metal-Halide lamps (HMI*)
- Front UV protective glass with safety wire mesh
- Optional spread lenses for beam angle variations
- Sturdy die cast aluminum construction
- Includes: ballast, power cable, barndoors, case

## Product description:

Powerful daylight-balanced light source

The Cinelight PAR HMI lights are best suited for motion picture, events and TV productions where the maximum light output is required. PAR fixtures are recommended to be used for lighting background elements or diffused / bounced into a white reflector panel to act as a soft fill light for talents (PAR lamps are too hard sources to be used for lighting faces directly).

Optional spread lenses for beam angle variations

Company - **S.C. CINEART S.R.L.**
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The Cinelight PAR HMI lights come with clear, UV protective glass in front topped up by a safety wire mesh. Optional drop-in spreader lenses can be used to fine-tune the light output from wide flood to narrow spot variations, in order to obtain the optimal beam angle. The spreader lenses affect both the shape and angle of the beam and are available to be purchased separately.

## Fully die cast aluminum housing

The Cinelight PAR HMI is using a series of aluminum extrusions and aluminum corrosion castings for the housing to quickly dissipate the heat that comes from the light bulb, therefore increasing the lamp's life. The amount of time needed for the fixture to cool down is reduced so it's easier to handle.

## High speed & flicker-free HMI ballast

As with any HMI fixture, the Cinelight HMI PAR lights require a ballast in order to function. The Cinelight HMI electronic ballast complies to the industry's high demanding requirements: flicker free, very low noise, high output and stable long-term operation. The ballast features a rugged and compact design for easy handling on the field.

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 power line voltage fluctuations.

The dedicated high-speed function of the ballast drives the lamp to 300Hz or 1kHz to ensure a flicker-free image in slow motion shootings.

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

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

## Wide range of applications in the film industry

These lighting instruments are commonly used to light large setups at night, giving a little more depth to the scenes, and also in situations requiring a far reaching, intense beam. Whenever punch or bounce light is required on a set, the Cinelight PAR is the optimal solution. The daylight-balanced output provided by the HMI fixtures is an essential artificial lighting source for most productions.

## Transport case included

For easy transportation and safe storage, a hard plywood case is included which accommodates the kit's components: HMI PAR lamp head, electronic ballast, power cable and metal barndoors.

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## Product features:

Rated power: 200 watts
Beam type: spot
Color temperature: 6000K
Power connector type: CEE 7/4 - Schuko
Power cord total length: 3.5 m
DMX control: No
Yoke mount: Spigot 28mm pin
Housing material: Aluminum
Housing color: Gray & blue
Lamp type: HMI 200W
Lamp socket: GY9.5
Lens type: Without Lens
Lamp head weight: 2.6 kg
Lamp head dimensions: 300 x 210 x 165 cm
Ballast power: 200W
Ballast line power: 235VA
Ballast operation voltage: 90-265VAC
Ballast nominal current: 0.9A-2.6A
Ballast current characteristics: square wave, 200Hz
Ballast power factor: 0.98
Ballast dimming range: 100%-50%
Ballast starting: Hot re-strike
ballast power cable length: 7.0 m
Ballast dimensions: 14 x 14 x 21 cm
Ballast weight: 3.0 kg
Ballast protection class: IP22
Ballast frequency : 50-60 Hz