

# HMI Daylight Fresnel 12000W / 1800W watts kit

Reference: LHF-DAYLIGHT18KW



- Power: 12000W/1800W
- Light output 20m: 25500lx (spot) / 1575lx (flood)
- Daylight-balanced (6000K) Fresnel spotlight
- Single ended line of Metal-Halide lamps (HMI\*)
- Adjustable beam angle from spot 9° to flood 58°
- High quality Fresnel lens with short focal length
- Sturdy die cast aluminum construction
- Includes: 12/18KW ballast, 15m head to ballast cable, barn doors
- Optional: hard case for head.
- DMX512 ballast control optional



## Product description:

Company - **S.C. CINEART S.R.L.**

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## High output, daylight-balanced Fresnel spotlight

The Cinelight Compact 12000/18000 HMI light is a high output, daylight Fresnel spotlight designed for the TV/Film industry where a sharp cutting, intense field of light is required. Using the single ended line of Metal-Halide lamps (HMI\*), the fixture delivers excellent quality daylight output.

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## True Fresnel lens and smooth focusing mechanism

The high quality Fresnel lens with short focal length and wide angles increases the light output and delivers superior optical performance. The adjustable focus from spot (8°) to flood (60°) makes it easy to obtain the desired intensity or beam width.

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## Fully die cast aluminum housing

The Cinelight Compact 12000/18000 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.

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## High speed & flicker-free HMI ballast

As with any HMI fixture, the Cinelight HMI Fresnel 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.

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## Transport case included

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

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## Wide range of applications in the film industry

The daylight-balanced output provided by the HMI fixtures is an essential artificial lighting source in many situations (for example, for supplementing the natural daylight in a scene or when tungsten-balanced scenes require a blue "moonlight"). Another common application is making sunlight effects through window, both on location and inside a studio setup. The HMI Fresnel can be used along with a diffusion panel or bounced into a reflective surface to create a large soft lighting source.

Available only on pre-order with delivery time of 8-12 weeks.

### Package Content:

- 1 x HMI Compact Fresnel 12000W
- 1 x HMI electronic ballast 12000W
- 1 x 15m power cable (from ballast to lamp head)
- 1 x 3.5m power cable (from ballast to wall outlet)
- 1 x 4 leaf barndoors

## Technical Specifications:

## HMI - Fixture

Beam type	spot
Rated power	18000 watts
Lamp type	HMI 18000W/SE
Lamp socket	GX38
Color temperature	6000K
Beam angle	9°-58°
Photometrics spot mode	20m: 25500lx   25m: 16320lx   30m: 11330lx
Photometrics flood mode	20m: 1575lx   25m: 1008lx   30m: 700lx
Lens type	Fresnel
Lens size	625 mm
Spot-Flood selector type	Mechanical
Yoke mount	Spigot 28mm pin
Housing color	Gray & blue
Housing material	Aluminum
Lamp head dimensions	128 x 96 x 78 cm
Lamp head weight	70 kg

## HMI - Ballast

Ballast power	12000W / 18000W
Ballast line power	19400VA
Ballast nominal current	68A-102A
Ballast operation voltage	180-264VAC
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	27 x 55 x 51 cm
Ballast weight	44.5 kg
Ballast protection class	IP22