

HMI 400 W Daylight Fresnel

- Improved light quality and output, producing flatter and more even field
- High quality, rugged, durable
- Corrosion resistant
- IP23 factory rated for dry and humid conditions
- Compatibility of parts throughout the range
- A comprehensive range of accessories, interchangeable with existing Quartzcolor products
- Easy to service and maintain
- ON-OFF buttons, operated from both head and ballast
- Easy running barndoor ears
- Scratch resistant, black, non-reflective housing
- All heads supplied with barndoor, colour frame and head to ballast cable
- Also available as a kit, including ballast and flight case
- Meets all relevant international standards and regulations



Operational data

Safety:

A microswitch system prevents the lamp operating if the front section is open.

25 x 25 mm wire mesh guard.

Accessory fitting:

Stainless steel ears.
Spring loaded top catch for retention of accessories.

Tilt adjustment:

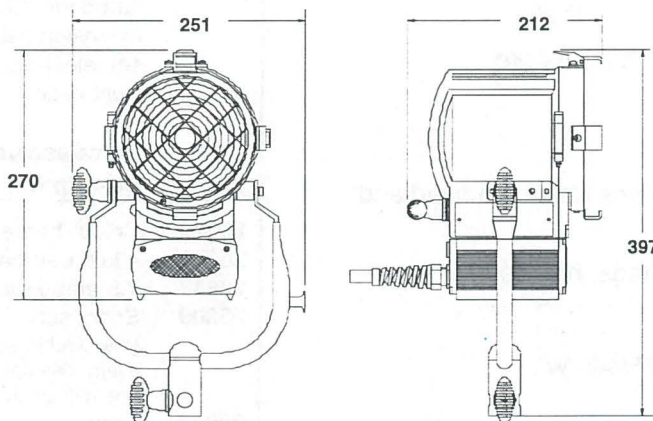
Pivot located at centre of gravity for excellent balance and positive locking.

Focus adjustment:

Rear focusing knob for smooth and precise action from spot to flood positions

Lamp access:

Hinged lens door allows easy access for lamp replacement.



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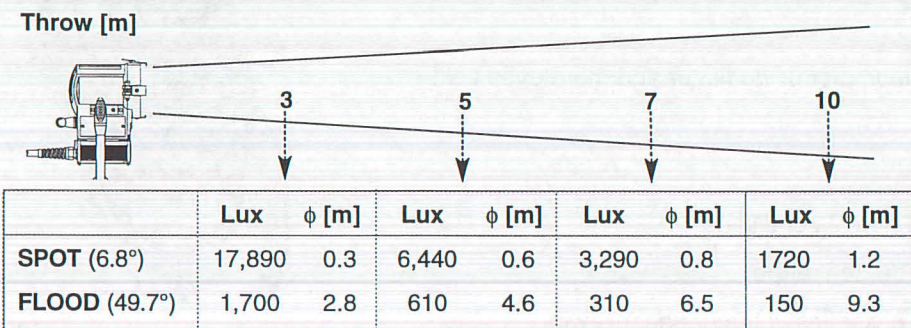
Weights & dimensions

Lens diameter	130 mm SF	Weight (head+stirrup)	3.5 kg	Packed volume	260x540x290 mm
Accessory diameter	170 mm	Packed weight	18.5 kg	Ballast dimensions	
Filter cut size	150x150 mm			p/n 25932	112x180x210 mm - 3.5Kg



Photometric data

Typical performance based on 400 W HMI lamp:



Lamp data

HMI/MSR 400W single ended

LCL (mm)	60
Base	GZZ 9.5
Lumens	32,000
Rated life hours (H)	650
Colour temp. (K)	5600

Mechanical data

- Paint / Finish:** Powder coated epoxy paint with special extra high temperature treatment in critical areas. External textured low gloss finish
- Lamp house** Die cast aluminium
- Mounting:** Robust tubular steel stirrup with BS or standard DIN socket

Environmental Data

- Max operating ambient temperature:** 45°C
- IP Rating:** IP 23
- Tilt recommended angle of use:** -90° / 0 / 90°

Electrical data

- Switching:** ON/OFF double pushbuttons from both head and ballast
- Ignitor:** Small, compact, high voltage, hot restrike
- Ignition voltage:** 25 kV
- Ballasts:** Electronic flicker-free, 575/400 W
- Standards compliance:** CE marking

Ordering information

Cat. No	Description
27903	HMI 400 W, bare head with stirrup
27030	HMI 400 W, supplied with stirrup, colour frame, 4 leaf rotating barndoor, 7.5 metre extension cable
27031	HMI 400 W KIT, supplied with head, stirrup, colour frame, 4 leaf rotating barndoor, 7.5 metre extension cable, scrim set, electronic ballast, flight case

Optional accessories

Cat. No	Description
28047	Colour frame
28048	4 leaf barndoor
28833	7.5 metre extension cable
28309	Scrim set (one double scrim, one single scrim, one half double scrim, one half single scrim)
28049	Cone
25932	575/400 W electronic ballast
28800	Flight case

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