

HMI 1.2 kW Daylight Fresnel

- Improved light quality and output, producing flatter and more even field
- High quality, rugged, durable
- Corrosion resistant
- IP23 rated, so the unit can be used outdoors in 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
- Bonding eyes and rigging hooks
- Front and back focusing
- New focus system, easy to adapt from manual to pole operation and maintenance-free
- Quick release lamp holder
- Easy running barndoor ears
- Scratch resistant, black, non-reflective housing
- All heads supplied with barndoor, colour frame and head to ballast cable
- Meets all relevant international standards and regulations



Operational data

Safety:

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

25x25 mm wire mesh guard.

Accessory fitting:

Cast aluminium ears. Spring loaded top and lower catch for retention of accessories.

Tilt adjustment:

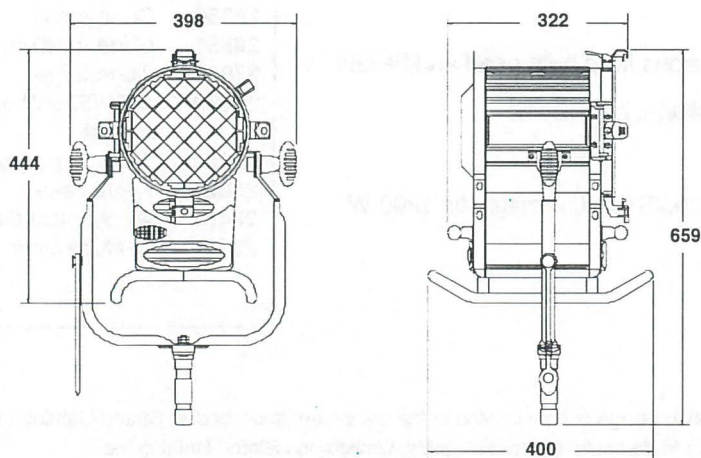
Pivot located at centre of gravity for excellent balance and positive locking.

Focus adjustment:

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

Lamp access:

Hinged lens door allows easy access for lamp replacement.



[mm]

Weights & dimensions

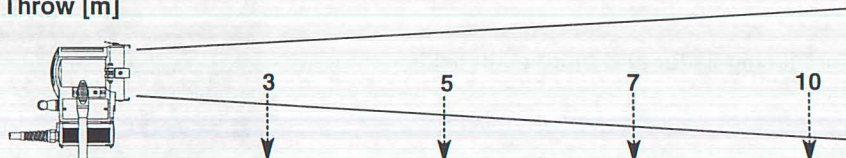
Lens diameter	175 mm SF	Weight (head+stirrup+skid)	12.5 kg	Packed volume	510x460x540 mm
Accessory diameter	250 mm	Packed weight	17.5 kg	Ballast dimensions	
Filter cut size	195x195 mm			p/n 25030	172x220x283 mm - 6.5Kg
				p/n 25230	353x246x170 mm - 20Kg



Photometric data

Typical performance based on 1200 W HMI lamp:

Throw [m]



	Lux	φ [m]	Lux	φ [m]	Lux	φ [m]	Lux	φ [m]
SPOT (5.8°)	77,670	0.3	27,960	0.5	14,270	0.7	6,990	1
FLOOD (60.5°)	5,110	3.4	1,840	5.8	940	8.1	460	11.6

Mechanical data

Paint / Finish: Powder coated epoxy paint with special extra high temperature treatment in critical areas. External textured low gloss finish

Lamp house Stainless steel with aluminium extrusions and die cast components

Lamp holder High voltage with quick release pin clamping

Mounting: Robust tubular steel stirrup with standard EURO spigot

Environmental Data

Max operating ambient temperature: 45°C

IP Rating: IP 23

Tilt recommended angle of use: -60° / 0 / 60°

Electrical data

Switching: ON/OFF double pushbuttons from both head and ballast

Ignitor: Small, compact, high voltage, hot restrike

Ignition voltage: 50 kV

Ballasts: Electronic flicker-free, 1200/575 W or magnetic 1200 W

Standards compliance: CE marking

Lamp data

HMI/MSR 1200W single ended

LCL [mm] 107

Base G38

Lumens 110,000

Rated life hours [H] 1000

Colour temp. [K] 5600

Ordering information

Cat No	Description
27907	HMI 1.2 kW bare head with stirrup
27050	HMI 1.2 kW supplied with stirrup, colour frame, 4 leaf rotating barndoor, 7.5 metre extension cable

Optional accessories

Cat No	Description
28859	Colour frame
28050	4 leaf barndoor
28203	7.5 m extension cable
28204	15 m extension cable
28304	Scrim set (one double scrim, one single scrim, one half double scrim, one half single scrim)
28850	Cone small
28851	Cone medium
28852	Cone large
25030	1200/575 W electronic ballast
25230	1200 W magnetic ballast
28821	Flight case
28401	Mechanical dimmer
28402	DMX dimmer

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