

HMI 200 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:

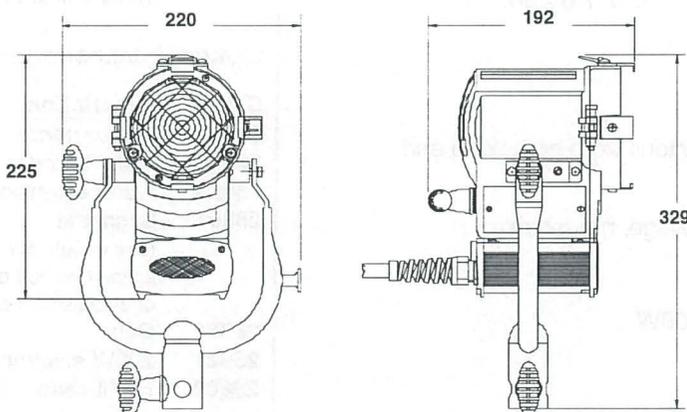
Pivot located at centre of gravity for excellent balance and positive locking.

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.



Weights & dimensions

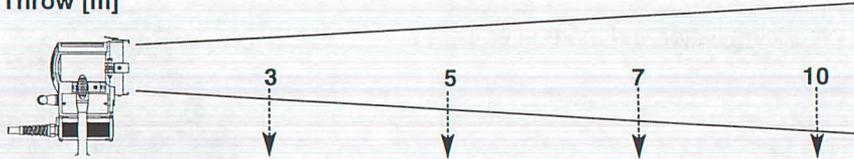
Lens diameter	90 mm SF	Weight (head+stirrup)	2.5 kg	Packed volume (kit)	260x540x290mm
Accessory diameter	110 mm	Packed weight	14.5 kg	Ballast dimensions	
Filter cut size	130x130 mm			p/n 25921	113x158x74 mm - 1.8 Kg



Photometric data

Typical performance based on 200 W HMI lamp:

Throw [m]



	Lux	φ [m]	Lux	φ [m]	Lux	φ [m]	Lux	φ [m]
SPOT (8°)	5,340	0.4	1,920	0.7	980	0.1	480	1.4
FLOOD (49.3°)	940	2.7	340	4.6	170	6.4	85	9.2

Lamp data

HMI/MSR 200W single ended

LCL (mm)	39
Base	GZY 9.5
Lumens	16,000
Rated life hours (H)	200
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:	20 kV
Ballasts:	Electronic flicker-free, 200W
Standards compliance:	CE marking

Ordering information

Cat No	Description
27900	HMI 200 W, bare head with stirrup
27020	HMI 200 W, supplied with stirrup, colour frame, 4 leaf rotating barndoor, 7.5 metre extension cable
27021	HMI 200 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
28080	Colour frame
28040	4 leaf barndoor
28823	7.5 m extension cable
28301	Scrim set (one double scrim, one single scrim, one half double scrim, one half single scrim)
28081	Cone
25921	200W electronic ballast
28800	Flight case

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