Rome.
8 pm.
Cloudy.
So what?

HMI® 12000 W/SE
HMI® 6000 W/SE

SEE THE WORLD IN A NEW LIGHT

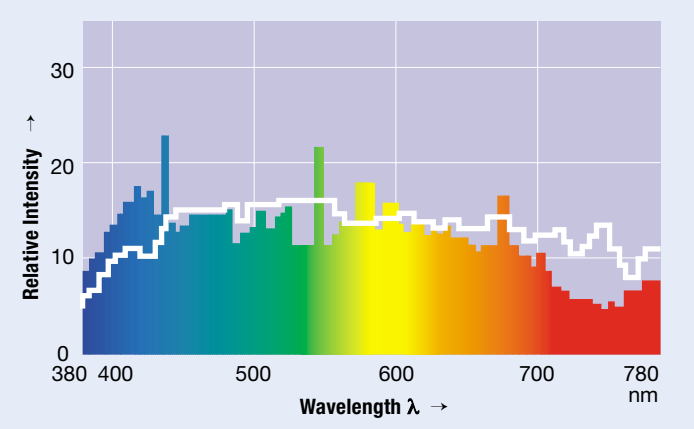
OSRAM

An impressive performance. HMI® turns night into day.

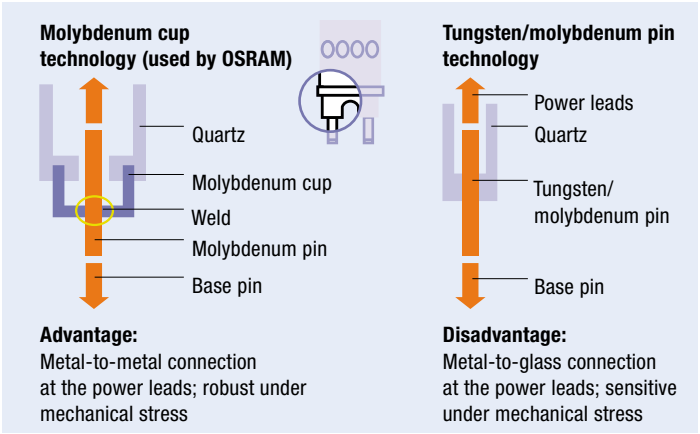
The new standard for outdoor filming: HMI® 12000 W/SE and 6000 W/SE

HMI® 12000 W/SE and 6000 W/SE from OSRAM add two new wattages to the range of single-ended HMI® lamps with outer bulbs. These two highly efficient and professional performers produce daylight in the usual brilliant OSRAM quality so bright lighting conditions can be provided at any time of the day or night and whatever the weather conditions.

For users in the film and TV industry, particularly those involved in outdoor shoots, they are the perfect substitute whenever the sun takes a break.



HMI® 12000 W/SE and 6000 W/SE – good colour rendering. Daylight. In brilliant OSRAM quality.



HMI® 12000 W/SE and 6000 W/SE – Outstanding design for mechanical robustness on the set.

HMI® 12000 W/SE and HMI® 6000 W/SE already in pioneering XS (eXtreme Seal) design: much higher thermal load capability (heat resistance) thanks to special protection for thermally sensitive points.

Long life. Excellent hot restart capability. Top quality.

HMI® 6000 W/SE will put in an average of 500 hours of reliable work on the set, while HMI® 12000 W/SE produces twice the output for an impressive 300 hours. That's up to 60% more than their competitors in this performance class.

The lamps feature single-ended technology. This has provided excellent service in OSRAM lamps for such a long time and means that the lamps are extremely robust, making them easier to handle on the set and less likely to suffer mechanical failure. The lamps also have excellent hot restart capability. After all, time is money.

HMI® 12000 W/SE and 6000 W/SE have the same features that characterize all OSRAM lamps, namely state-of-the-art manufacturing, excellent precision, top quality and impressive economy.

Powerful light and easy handling

HMI® 12000 W/SE and 6000 W/SE combine high performance and optimum design with the outstanding properties usually associated with HMI® lamps:

- Single-ended base (GX 38) with outer bulb for reliable operation and easy of handling
- Mechanical robustness
- Long service life of 300 hours and 500 hours respectively
- Enormous luminous flux of 1,150,000 and 600,000 lm respectively
- Excellent hot restart capability
- Very good luminous efficacy (~100 lm/W) and excellent colour rendering (Ra > 90)
- Colour temperature of 6000 K

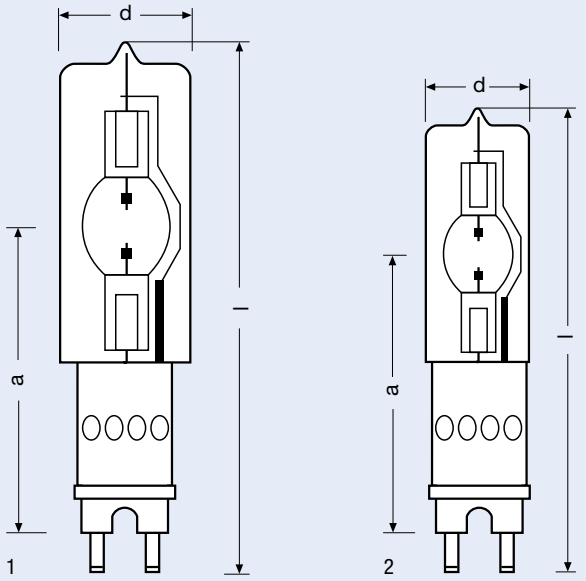
HMI®12000 W/SE und 6000 W/SE – Brilliant light for film and TV work

Always ready to go – at any "temperature"

Thanks to their special design and state-of-the-art technology, HMI® 12000 W/SE and 6000 W/SE lamps always start reliably. Cold or hot, our two top performers will never let you down. Provided of course they get the right high-voltage start. The HMI® 12000 W/SE needs a cold-start ignition voltage of 20 kV and a hot-restart voltage of 65 kV. The figures for HMI® 6000 W/SE are 10 kV and 40 kV.

Technical data
HMI® 12000 W/SE
HMI® 6000 W/SE

High-quality single-ended HMI® lamps with outer bulbs from OSRAM also available from 123 to 4000 W (in standard designs): HMI® 123 W, 200 W/SE, 250 W/SE, 400 W/SE, 575 W/SE, 1200 W/SE, 2500 W/SE, 4000 W/SE



Reference	HMI® 12000 W/SE	HMI® 6000 W/SE
Rated wattage	12,000 W	6,000 W
Lamp voltage	160 V	123 V
Operating current (AC)	84 A	55 A
Ignition voltage (cold/hot)	20/65, max. 70 kV	10/40, max. 60 kV
Luminous flux	1,150,000 lm	600,000 lm
Colour temperature	6000 K	6000 K
Colour rendering index CRI	> 90	> 90
Electrode spacing e (cold)	27 mm	23 mm
Lamp length l_1	max. 450 mm	max. 360 mm
Bulb diameter d	100 mm	75 mm
LCL (a)	255 mm	210 mm
Average lamp life	300 h	500 h
Base	GX 38	GX 38
Max. permissible base temperature	450 °C at Mo cup with "eXtreme Seal" technology	450 °C at Mo cup with "eXtreme Seal" technology
Burning position	S 135 (vertical ± 135°)	S 135 (vertical ± 135°)
Cooling	Convection	Convection
Fig. no.	1	2

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