

## New ARRI X Ceramic 250 at ibc 2004

### At a Glance

- 250W / 90-265V AC 50-60Hz
- 4000hrs lamp lifetime
- Hot Restrike
- 21,200lm light output (lamp Ceramic ST 250 HR)
- Very high efficiency 85lm/W
- 3200K / CRI>90
- Built-In Ballast
- Flicker Free (90Hz)
- Cost benefits: maintenance, running costs, air conditioning, wiring, transport, generators
- Lower thermal stress to performers
- Longer lifetime for colour gels

### Versions

- Manual
- Pole Operation

### Colours

- Blue / Silver
- Black
- Silver

### Accessories

- Barndoor
- Snoot
- Egg Crates
- Clear Glass
- Black Reflector
- Diffusor Frame
- Scrims

ARRI Lighting introduces the new ARRI X CERAMIC 250.

Based on the new Ceramic ST 250 HR lamp from Philips, which provides 3200K Tungsten equivalent light from a discharge lamp the new ARRI X CERAMIC 250 is the perfect fixture for smooth and cool background and fill lighting.

The new lamp from Philips provides almost the same light output as a 1kW halogen lamp, but with a quarter of the power consumption. Due to the lower power consumption (250W) the fixture is much cooler than a comparable halogen fixture and it's much easier to work with where power is limited, for example when using a small generator.

In principle the fixture is based on the daylight ARRI X 5 but the ballast for the Ceramic lamp is incorporated in the housing of the lamphead itself, so that it is a "plug-in-the-wall" fixture.

Apart from all the technical and economical benefits the fixture also gives a nice quality of light. Very sharp shadows can be created using the black reflector in combination with the clear glass and the light field is more even than with a filament source.

Typical for the optical design of the ARRI X is the wide spread, so that the fixtures, both daylight and tungsten (Ceramic) are good for situations where the application requires maximum light with a minimum of space.

### Technical Data

Mains voltage range:	90-265V / 50-60Hz
Dimensions (H x L x W):	680 x 376 x 208mm
Weight without accessories:	8.17kg / 18.02lbs; with lamp
Protective measure:	Protective class I, protective rate IP 20
Max. ambient temperature:	45°C / 113°F for full lamp performance
Max. surface temperature:	80°C / 176°F
Recommended tilting angle for lamp:	According to lamp manufacturer (operating position: any)
Max. operating tilting angle:	± 90°
Spigot mounting:	Ø 28mm DIN 15560/T24 ZA
Colour temperature:	3200 +/- 100K
Tc variation(vert./horiz. operating position):	±100K
Colour rendering:	Ra > 90
Flicker:	Flicker Free, 90Hz
Barn door insert size (width):	247mm / 9,7"
Accessory insert size (width):	247mm / 9,7"
Front glass (Safety glass):	215x235mm / 8,5x9,3"

### Photometric Data (3m / 10ft)

Frosted glass, without accessories:	430lx / 125°
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