

TecART **b2S** / **Ballast EB 2500/4000**
HMI LIGHTING - BALLASTS



Electronic ballast (universal) for use with 2500 W and 4000 W Metal Halide Lamps.

FEATURES

- Available for daylight lamps of all well-known manufacturers.
- Electronic detection of the used lamp types 2500 W and 4000 W.
- Lamp power constant controlled for steady light quality independent of line voltage and of the age of the bulb used.
- Flicker free operation by use of 75 Hz square wave current.
- Typical light ripple max. 3%.
- Additional “low-noise” modes (50 Hz / 60 Hz) to reduce the noise that might occur in the lamp head.
- Optionally equipped with 300 Hz operation mode for use with digital 'high speed' cameras.
- “Arc Control” to prevent unintended resonance arising inside bulbs of different designs.
- Dimming in range of 50 - 100% of nominal lamp power.
- With active line filter (PFC) for minimized apparent power and reduced disturbances of power supply network.
- Large range for input voltage 190 - 250 V~.
- Additional input voltage range 90 - 125 V~ as option (auto switching).
- Protection against line overvoltage and overtemperature.
- Lamp outlet protected against no-load conditions and short circuit.
- Solid aluminium construction with outside heat sinks.
- Very silent due to temperature regulated fans.
- Optionally equipped with digital remote control (DMX 512).

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SPECIFICATIONS

- **Lamp Power:** 2500 W / 4000 W.
- **Supply Voltage:** 90 - 125 V~ / 180 - 250 V~ 50 / 60 Hz I,N,PE.
- **Line Power:** 4650 VA (max.).
- **Power Factor:** $\cos \phi \approx 0,98$.
- **Dimensions:** 243 mm x 358 mm x 450 mm.
- **Weight:** approx. 20 kg.

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