

ARRI EB 575/1200 A.L.F.

Added Values

Compared to magnetic ballasts there are a number of advantages when operating daylight-lamps with ARRI Electronic Ballasts:

- No synchronization of cameras necessary
- Typical lightripple max. 3 %
- Light intensity increased by at least 5 %
- Constant lamp power
- Constant color temperature
- Constant light quality
- Control of electric power of the lamp between 50...105%
- Variation in power supply voltage of 10% has no influence on the power of the lamp (see also technical data for limits).
- Variation in power supply frequency of 10% has no influence on the power of the lamp
- Operating lifetime of the lamp increased by at least 20%
- Substantially less volume and weight compared to magnetic ballasts

The improved electronic ballast for both 575W and 1200W lampheads is now equipped with an Active Line Filter.

The new technology of the ballast offers the same high quality standard as all ARRI ballasts and runs from 90 volts to 250 volts. The Active Line Filter contributes to more economical use of power. The A.L.F. system performs power factor correction to eliminate the phase shift between the voltage and the current sine wave. As a result the required apparent power is optimized to a minimum. Since electricity supply companies charge for apparent power, A.L.F. helps to save costs.

Technical Data

Mains supply

Line Power	1390 VA (max.)
Supply Voltage	90 - 125V~ / 180 - 250V~ 50/60 Hz 1, N, PE
Nominal Current	15.4 - 11.1 A / 7.7 - 5.5 A
Power Factor	cos φ = 0.98

Lamp connection

Lamp Power	575 / 1200W constant control
Power Regulation	autom. recognition of lamp-types 575W and 1200W
Current Characteristic	square wave, ca. 75 Hz
Dimming	Range 50 - 100% of nominal Lamp power
Starting	cold start and hot restrike
Typical light ripple	typ. < 3%

Dimensions

Width · height · depth	200 · 150 · 335 mm
Weight	approx. 8 kg
Protective Rate	IP 22

