

INDUSTRIAL



ARRI Industrial, a division of ARRI Lighting, specializes in products and solutions for the test lighting market. Many years of experience in high speed lighting, solar simulation and various technical lighting applications has helped us to develop reliable and robust solutions.



With kind permission of
Insurance Institute for
Highway Safety,
Ruckersville, USA (above)
Rheinmetall GmbH,
Unterlüß, Germany (below)

Our product offering includes all components required for a complete installation. ARRI's ranges of daylight and tungsten luminaries are specifically designed to provide high quality of light and durability.

Electronic power supplies using solid state ballast technology are available for all our daylight fixtures. Specific technology such as flicker free wave forms and

light booster circuits are implemented in the ballast units for high speed applications. With intelligent dimming technology, precise control of the light output is possible at any time making it ideal for solar simulation cycles. Groups or individual ballasts can be remotely controlled through proprietary software or the clients own control equipment.

ARRI Industrial provides support in the planning, installation and training of a new system. Our worldwide ARRI certified service network can provide quick troubleshooting and repair.

Overview of the product range:

Luminaries:

- Daylight from 125 W to 18 kW
- Tungsten from 150 W to 24 kW
- Luminaries for use in test chambers (-40°C till 120 °C, 1/2/5 kW)
- Dichroic mirror coated reflectors for minimum heat load (200/575/1200 W)
- Fresnel fixtures with large focus range
- Parabolic fixtures for extreme light output

Electronic Power Supplies:

- Output from 125 W to 18 kW
- Frequency control for high speed filming
- Active Line Filtering ($\cos\phi = 0,98$)
- Portable units with multiple power output
- 19" insert units
- Booster technology (2,5/4 kW)
- Remote control and signal feedback

Accessories:

- Lamp to power supply cables in single and multi-core versions
- Heat shield glass (2,5/4 kW)
- Shutter (575 W)
- Optical enhancement accessories for improved light characteristics

For further info: info@arri.it



PAR lampheads with high light output; ideal as the main light source in crash tests and solar simulation or as main light source for high speed filming. (ARRISUN 40/25 shown)



Fresnel lampheads with a large focus range and uniform light distribution; ideal for mobile lighting or as the main light at short to medium distances. (ARRI D 40 shown)



Flood light with extreme wide light distribution; ideal for uniform lighting of large areas or where space is limited. (ARRI X 40/25 shown)

Daylight luminaries from 125 W to 18 kW

ARRI luminaries are available in different form factors providing unique benefits in specific situations. While bigger lampheads (4 kW and above) are used in permanent installations, our extensive range of small power luminaires are versatile for indoor as well as outdoor use, on site for inspection or as lighting for test rigs.

Electronic Power Supplies from 125 W to 18 kW

ARRI Electronic Power Supplies are fail safe and reliable, guaranteeing successful testing time after time. Active line filter, booster technologies and high efficiency allowing economical installations for crash testing and solar simulation. Individual models are available in special High Speed versions.

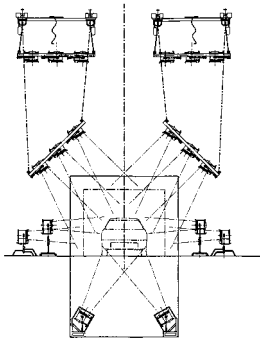


For large installations and industrial environment, standard 4U 19" housing are available. These ballasts come with analog input/output to interface with the lighting system control unit. (Models: ARRI VGI 2500/4000 R(B)A)



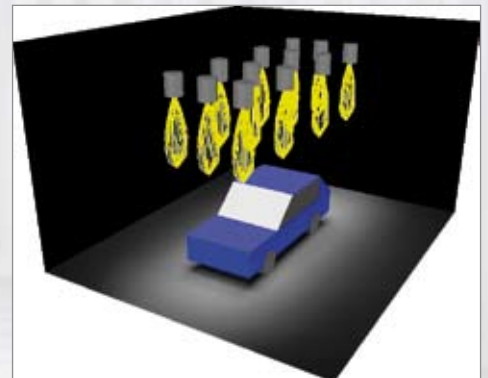
Portable electronic ballasts have dual output capability, active line filtering, flicker free waveform, status and diagnostic indicators, optional remote control, high speed or boost function. (EB 575/1200 and EB2500/4000 shown)

Typical crash test lighting in frontal view



Planning, Simulation, Installation

As part of ARRI industrial services, we will assist customers with planning and installation of lighting systems. On site acceptance and training are part of every project and a worldwide service network of certified partners can maintain your installation in the shortest time.



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