

ATLAS CONSTANT LIGHT

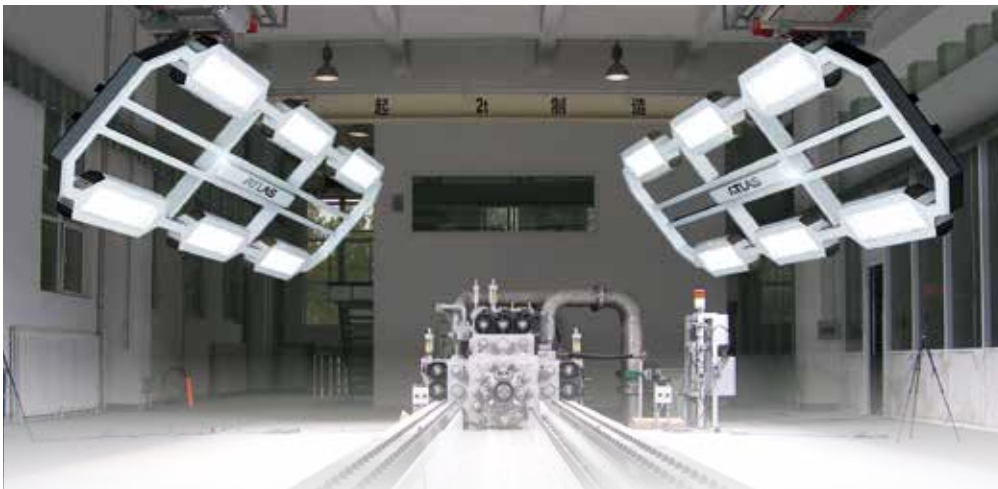
LED LIGHTING SOLUTIONS
FOR CRASH TEST PHOTOGRAPHY

Better Light – Better Pictures

Set the foundation based on Atlas Constant Light

Better pictures matter, especially in the automotive safety industry. No matter whether coming from Real-Crash or Crash-Simulation stand, only high-quality pictures will allow researchers to get insights for **superior product improvements**.

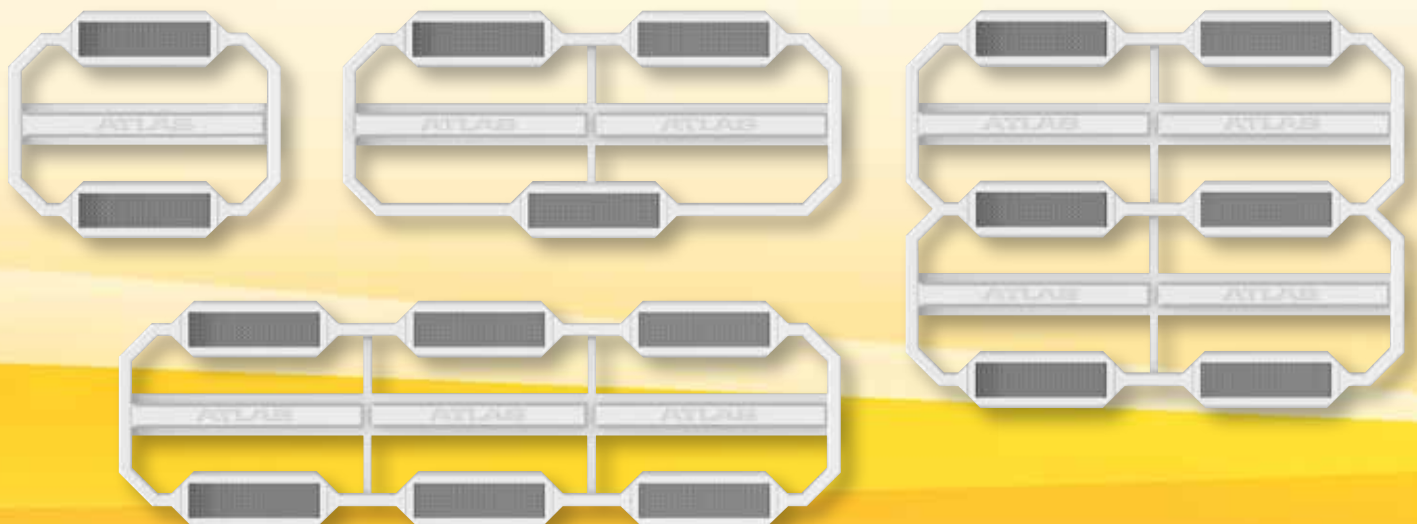
With unrivalled bright light and spectrum quality we enable every photographer to fully exploit his high-speed camera potential and deliver better pictures.



Modular Design – More Flexibility

Different crash test facilities have different needs

Atlas Constant Light LED systems live the idea of maximized flexibility. The new frame-integrated modular design allows realization of any lighting system concept with respect to size and arrangement.



Reliability is the Key

Stay relaxed with new control technology

Inside crash test facilities life is much easier with continuous light and new Atlas LED control technology. The new technology has been developed to improve your process safety.

As the head of system controls, you can stay relaxed, because you can rely on all Lights-ON during each and every test you manage.



Atlas CL4000 Features and Benefits

- **Flicker-free continuous light**
- **Easy-to-use: no synchronization of cameras and LEDs necessary**
- **Exceptionally bright – equivalent to “Boost”**
- **Fully dimmable**
- **Spectral quality tuned for optimum color representation**
- **Unique Lights-ON control technology**
- **Thermal management without open air fans**
- **Superior service-life: no LED overdrive during operation**



Quality Engineering

Skills and tools for risk elimination

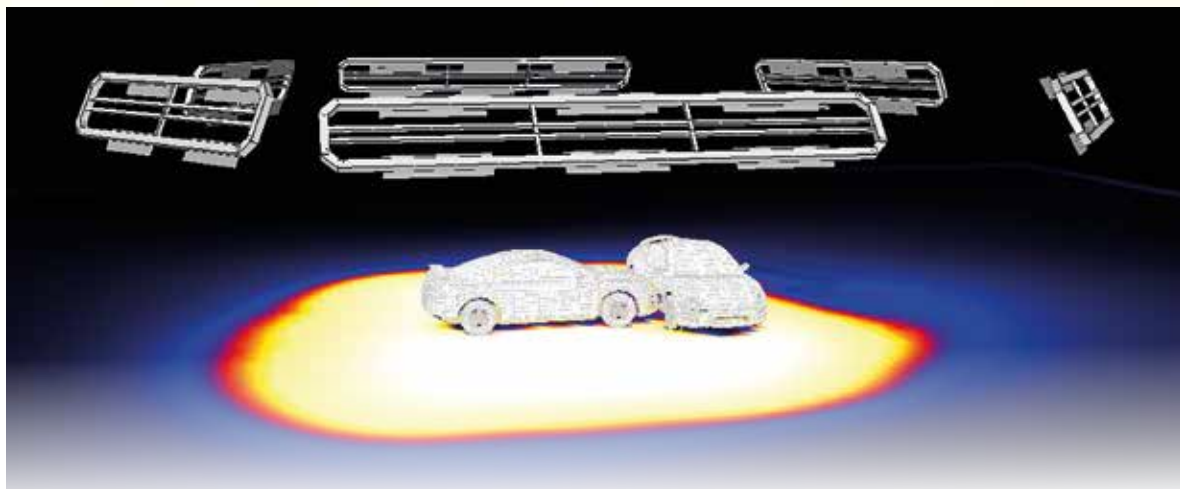
Atlas' success is founded on more than 40 years in manufacturing of lighting systems.

Our key to success: we love what we do!

To eliminate risks and failures during conceptual development, we use high-end simulation software. We simulate all required spatial movements and their effects on the target zone.

Quality Engineering pays off

Typical lifetime of an Atlas lighting system: More than 15 years



LED or HMI Technology

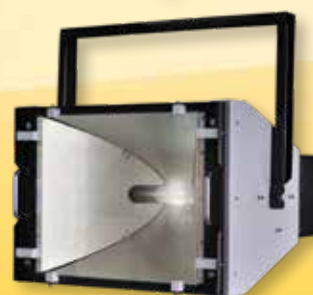
Atlas Constant Light LED Advantages:

- As bright as boosted HMI lamps
- Reduced cost for electronic environment
- Excellent monitoring and operating control
- Large dimming range 0-100 %
- Maintenance-free
- Instant ON/OFF - no warming-up / cooling-down times
- Higher safety against fire risks ("cold" technology)



HMI Advantages:

- Premium color rendering with CRI >95
- Wide flooding angles for more light surrounding target zones
- Proven technology
- Lower budget systems



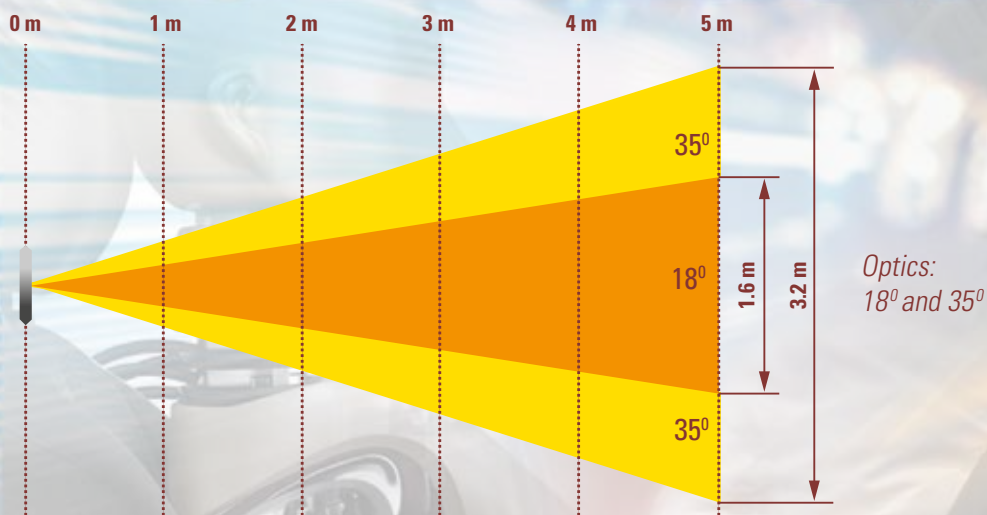
Made in Germany

Atlas Constant Light LED systems are completely designed and built in Germany. All components are tested for quality and functionality in accordance with the latest standards. Additionally, we train your staff so you can fully exploit the capabilities of your Atlas lighting system.

Technical Specifications

Atlas CL4000	
Luminaire Type	LED Floodlight
Operating Mode	Continuous
Length	137 cm
Width	54 cm
Depth	11 cm
Color Temperature	5700 K
Luminous Flux	436,000 lm
Available Beam Angles	18°, 35°
Reflector Material	Non-aging
Ambient Temperature Range	0° C to 30° C
Cooling	Passive
Input Voltage Range	208-240 VAC 50-60 Hz
Power Consumption	approx. 3600 W
Power Factor Correction	yes
Communication	Ethernet

Atlas CL4000 max. Illuminance (lx)	1.0 m	2.0 m	3.0 m	4.0 m	5.0 m
Beam angle 18°	970,000	470,000	290,000	190,000	130,000
Beam angle 35°	600,000	245,000	120,000	70,000	45,000





Atlas offers more than testing instruments. From technical advice to final test method implementation, Atlas provides the support that you need when determining the right weathering testing solution for your products. For more information, please contact your local Atlas sales office or visit us at www.atlas-mts.com.

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