

We DEVELOP



CELIA

Automated solution for photometric inspection of headlamps

Main advantages

- 100 % accurate and repeatable analysis for your production
- Flexible system: user-friendly and easy to configure interface
- Operator defines entire cycle
- View, trace, and run in real time
- True choice in how you use the system
- Manual or automatic solutions

Benefits

- Quick response to delays
- Complete and customisable product evaluation
- Compliance with regulations
- Traceability throughout manufacturing process
- Guaranteed controlled firing for operational safety

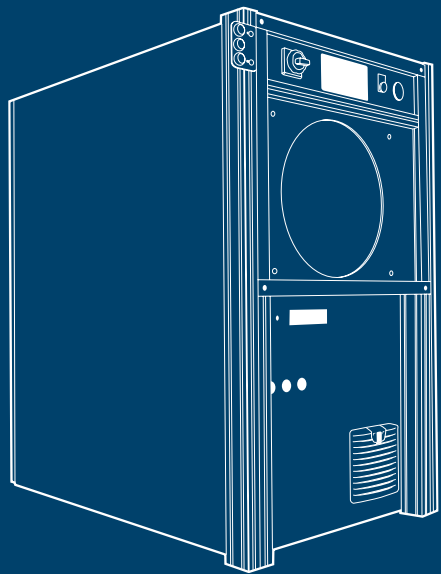
Applications

OEM:

- Assembly line (full projector) or pre-assembly (sub-group), front lights, rear lights

Inspection of all types of beams:

- Geometry
- Photometry
- Chromaticism
- LED colours
- Homogeneity
- AFS function
- Beam travel
- Power consumption
- Beam adjustment
- Alignment of breaks



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Features

- Sensors: digital cameras with high resolution
- SPC: built-in database with export to standard or manufacturer-specific software
- The system can be provided as a one-piece version
- Compact system (tunnel length 700 mm)
- Modular versions are also available (separate photometric tunnel and electrical unit)

Technical specifications

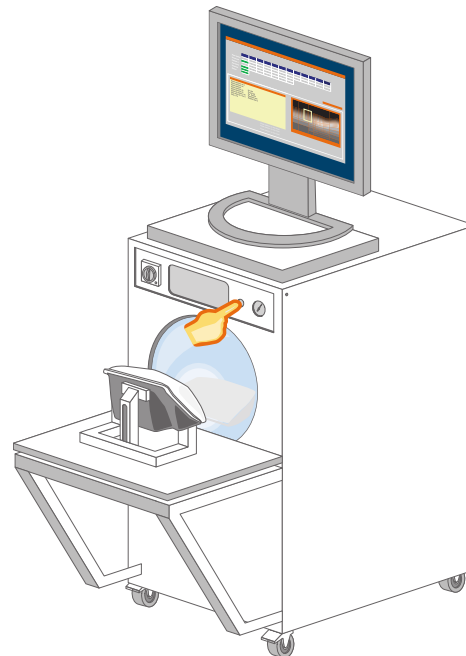
Lamp type:

- Halogen or Xenon
- LEDs

Beam type:

- Traditional technology
- ADB
- running mode
- Matrix
- etc.

Manual mode



Automatic mode

