WHY CHOOSE THE LCIE BUREAU VERITAS - PISEO PARTNERSHIP?

LCIE BUREAU VERITAS

A leading certifier bolstered by an international network of laboratories, we assess the compliance of electrical and electronic products and deliver national, European and international certification marks.

LCIE Bureau Veritas accompanies you from the development phase to the marketing of your products:

- Training
- Testing
- Assistance and expertise
- Audits and inspections
- Certification

LCIE Bureau Veritas is an organization that is:

- Accredited by COFRAC for most of its testing and product certification activities
- Notification: Nr.0081 by the European Commission
- Member of the IECEE as part of the OC/CB scheme
- A signatory of mutual recognition agreements between certification bodies, on a European (CENELEC) and International (IECEE) level
- A body mandated by AFNOR Certification for the NF mark

PISE0

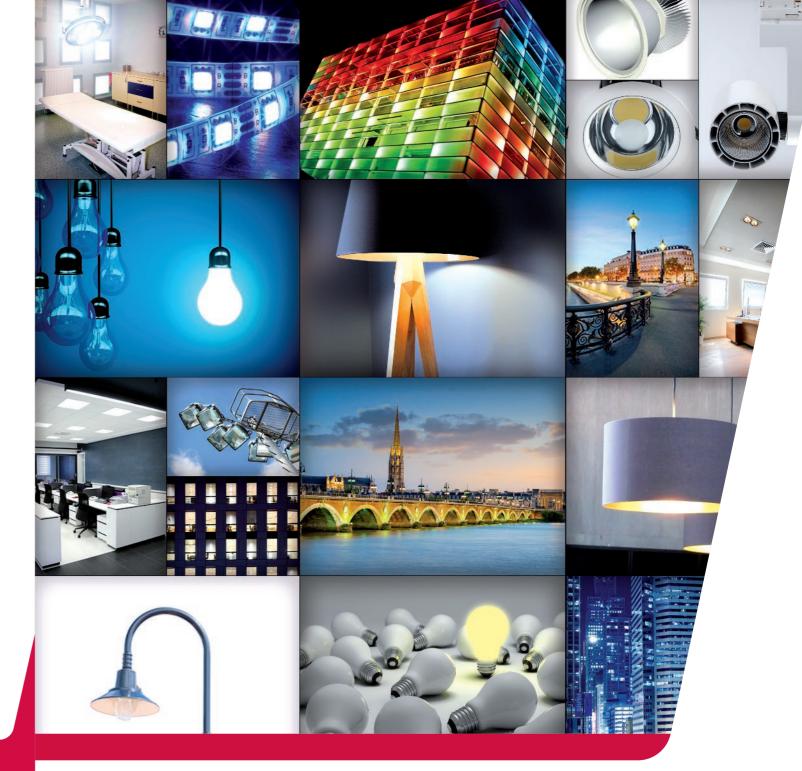
The national pooled innovation platform for the lighting industry designed to assist companies in the development and implementation of innovative and effective LED-based lighting solutions.

Equipment and skills for quality services:

- Photometric, electrical and thermal characterisations for sources and fixtures
- Reliability of LED lighting systems
- Regulatory and normative verification
- Assessments, research, advice and training in the field of lighting

Means to:

- Ensure the technological transition to LEDs and OLEDs
- Create new offers and business opportunities
- Valorise product and service offers
- Reduce development lead times and costs
- Guarantee objectively the quality of products



CONTACT US

France

LCIE Bureau Veritas 33 av. du Général Leclerc, 92260, Fontenay aux Roses Tel:+33 (0)1 40 95 60 60 contact@lcie.fr

Web: www.lcie.com

pain

Bureau Veritas Consumer Products Services Spain Pol. Ind. La Granja – Edif. La Granja C/Valportillo Primera, 22–24 28108 Alconbendas, Madrid +34 91 270 22 00

Web: www.bureauveritas.es/cps

CPDEspMail@es.bureauveritas.com

Portugal

Bureau Veritas Consumer Products Services Portugal Pólo Tecnológico de Lisboa, LT21 Lisboa 1600-485 + 351 217 100 988 contact.bvcpsportugal@pt.bureauveritas.com

Web: www.bureauveritas.pt

PISEO

Parc Lyon Sud 4 rue de l'Arsenal F-69200 Vénissieux

Tel: + 33 (0)4.26.83.02.25 **Web:** www.piseo.fr

















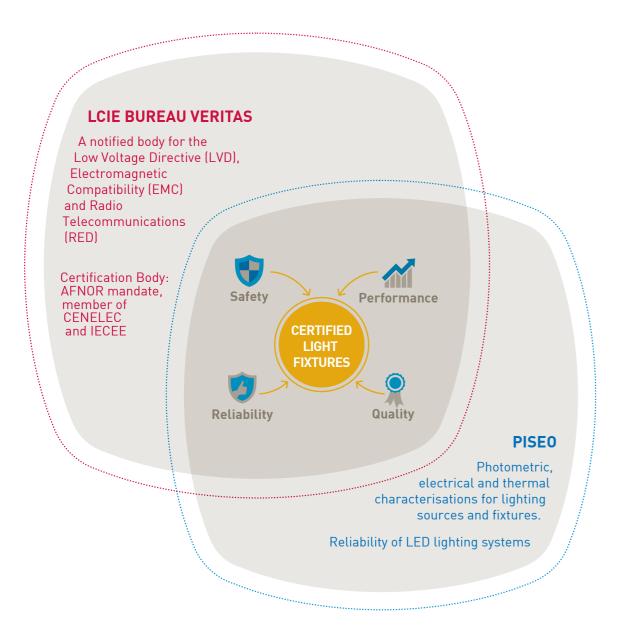


CHALLENGES

To meet the new demands of the lighting market, you want to stand out from your competitors by offering innovative and efficient lighting fixtures that today incorporate the LED technology.

To achieve this goal, you need multi-disciplinary expertise that allows you to meet the additional requirements of product safety and performance results.

This is why LCIE Bureau Veritas and PISEO, two major and recognized players, have set up an alliance to offer you a comprehensive solution.



SOLUTION



- Safety of lighting fixtures: IEC/EN 60598-1 / 60598-2-xy
- LED modules for general lighting Safety specifications: IEC/EN 62031
- Safety of AC/DC electronic appliances for LED modules: IEC/EN 61347-2-13
- Assessment of lighting equipment related to human exposure to electromagnetic fields: IEC/EN 62493
- Electromagnetic compatibility and Radio Frequency
- Environmental: Reach. Rohs



DETERMINATION
OF THE
PHOTOBIOLOGICAL
RISK

Photobiological risk: IEC/EN 62471, IEC/TR 62778

LCIE BUREAU VERITAS

PISE0

- VERIFICATION OF PERFORMANCE RESULTS
- Photometric measurements and characterization: EN 13032-1, EN 13032-4, LM79
- DC or AC supplied electronic control gear for LED modules Performance requirements: IEC/EN 62384
- Luminaire Performance: IEC/EN 62722-1
- LED Luminaire Performance: IEC/EN 62722-2-1
- LED Module Performance: IEC/EN 62717
- Ecodesign requirements for lamps and lighting fixtures: EU Regulations 1194/2012

PISEO

CERTIFICATION

- Access to the French market: NF mark
- Access to the European market: ENEC mark
- Access to the international market: CB scheme
- Monitoring of manufacturing plants
- Market control and monitoring

LCIE BUREAU VERITAS