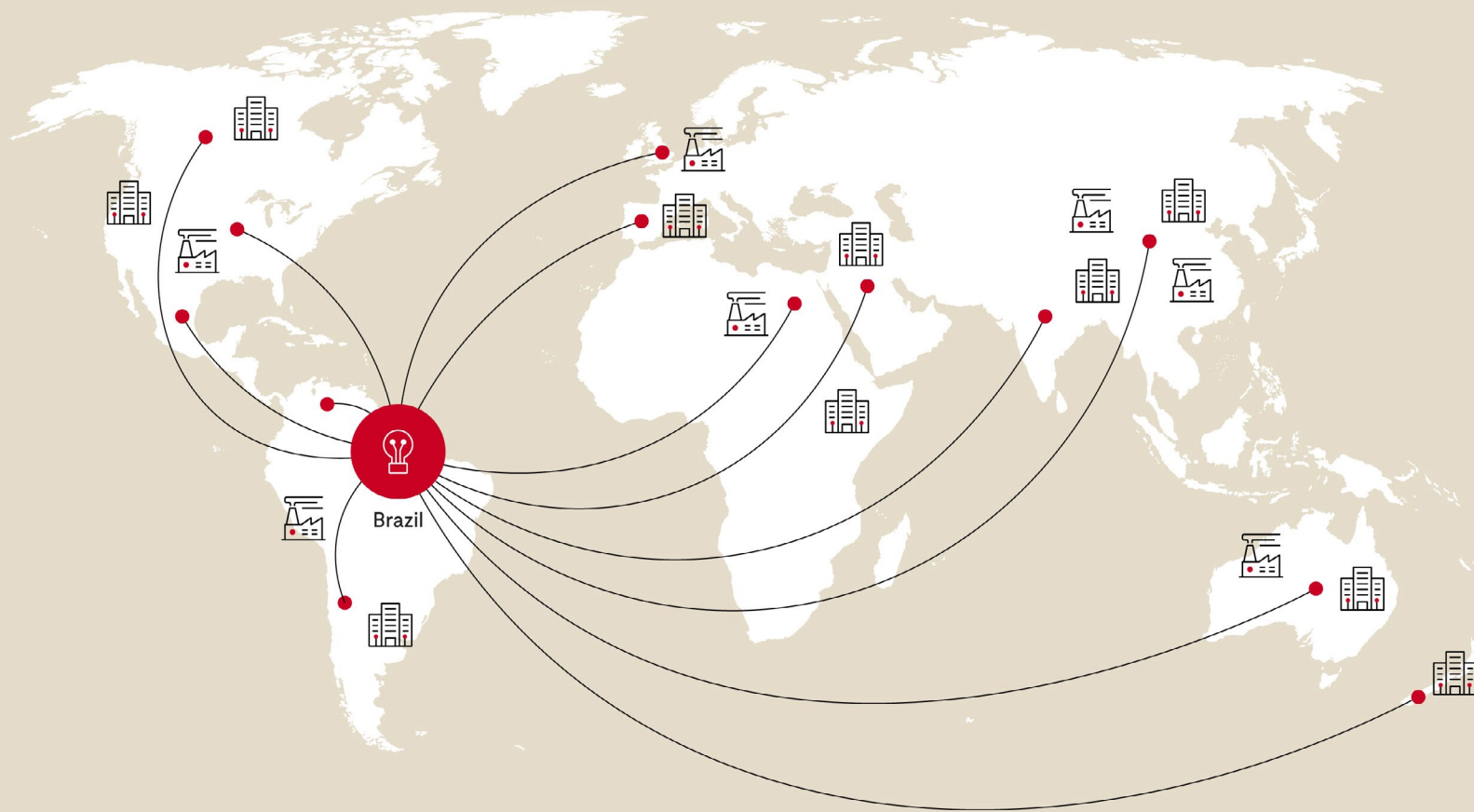


INMETRO for the Lighting Market

UL Solutions offers lighting testing and inspection globally, with services to support the Brazil INMETRO program and annual retesting requirements.



Scope expansions for Brazil

Brazilian certification requirements expected to be finalized in 2025 are expanding to cover more general-purpose LED lamps. Changes to the ordinance may include:

- New product categories for indoor luminaires, such as reflectors, ceiling lights, wall lights, bollards, pendants, high-brightness luminaires, linear lights, panels and spotlights.
- Lamps that emit white light, even if they emit light of other colors, such as “smart lamps” or with controllable correlated color temperatures (CCT), which can emit “warm” or “cold” light. Lamps with CCT lower than 2700K (known as “amber”) will also be included. There will be no distinction for decorative lamps.
- LED luminaires for indoor or covered environments (indoor) and LED luminaires for outdoor environments (outdoor). Outdoor luminaires will have additional safety and performance requirements, such as protection against humidity and sun exposure.
- Limitations based on luminous flux rather than power (up to 60W) and reduction of the minimum declared service life requirement to 15,000 hours
- New tests for flicker and strobe effects and changes to sample surveillance in stores.



Market opportunity and how UL Solutions can help

The planned INMETRO scope expansions allow a wider range of products to be certified, and manufacturers and importers have more opportunities to find a path to certification for the Brazilian market.

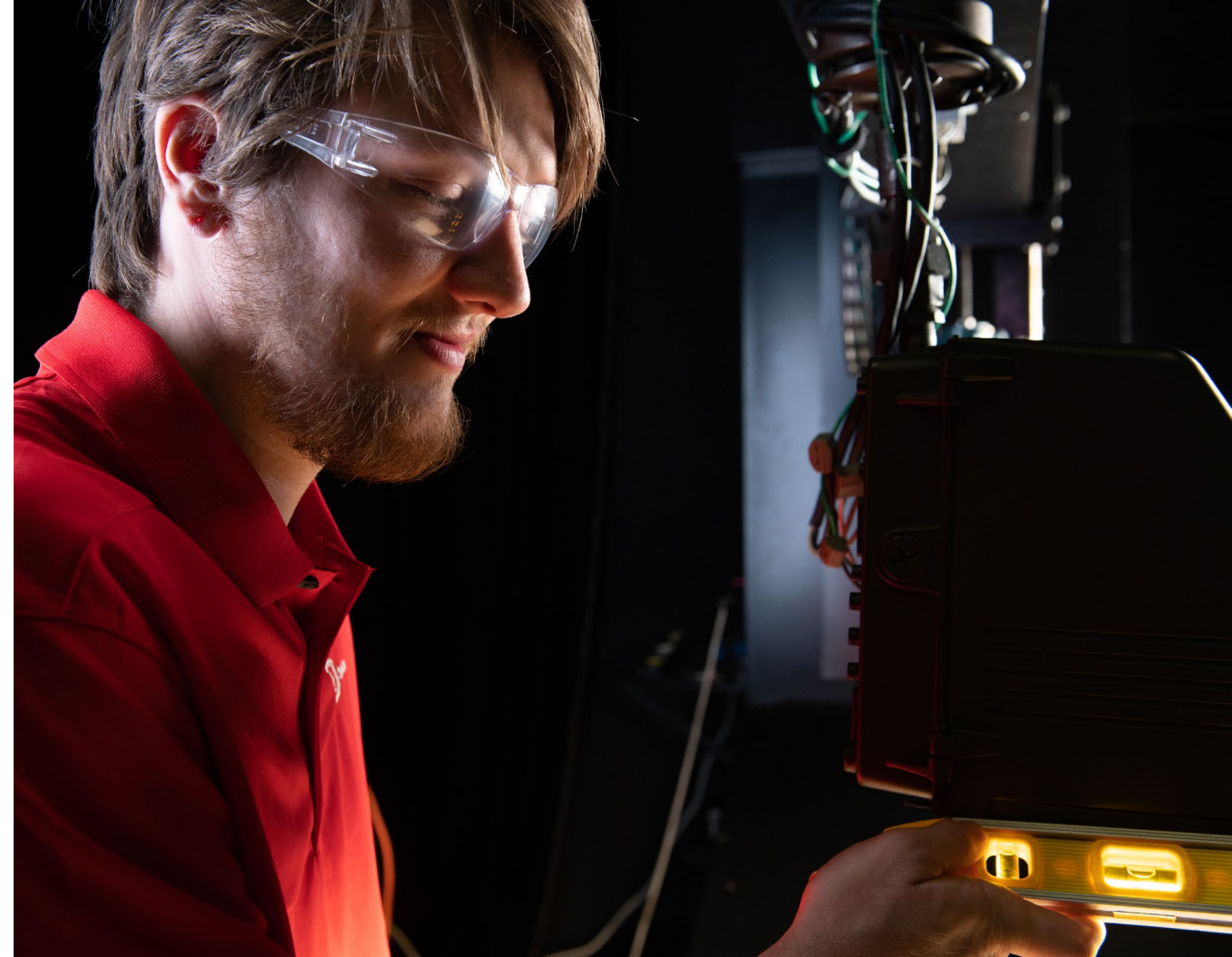
UL Solutions is a certification body (CB) with staff and accreditations worldwide, and we are positioned to help manufacturers and factories in Asia and other regions prepare to approach more applicants to the Brazilian region. Manufacturers can arrange testing in their region and still receive the INMETRO certification from our accredited office in Brazil.

In-region testing services include:

- Safety testing and certification
- Energy efficiency testing and certification
- Life cycle testing
- Sample selection
- Manufacturers audit
- Importers audit

Leverage our dedicated staff and their expertise in the lighting industry to expand your files and help demonstrate that your products meet Brazilian standards and requirements.

Safety. Science. Transformation.™



Contact our experts today to discuss your project needs.

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