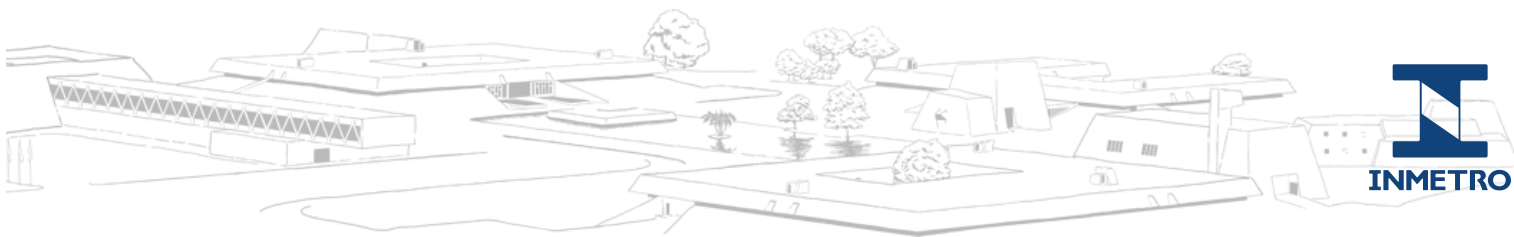




BRAZILIAN STANDARDS: *PROCESS AND IMPLEMENTATION*

FERNANDO GOULART
Board of Conformity Assessment
Inmetro



Presentation

What is Inmetro?

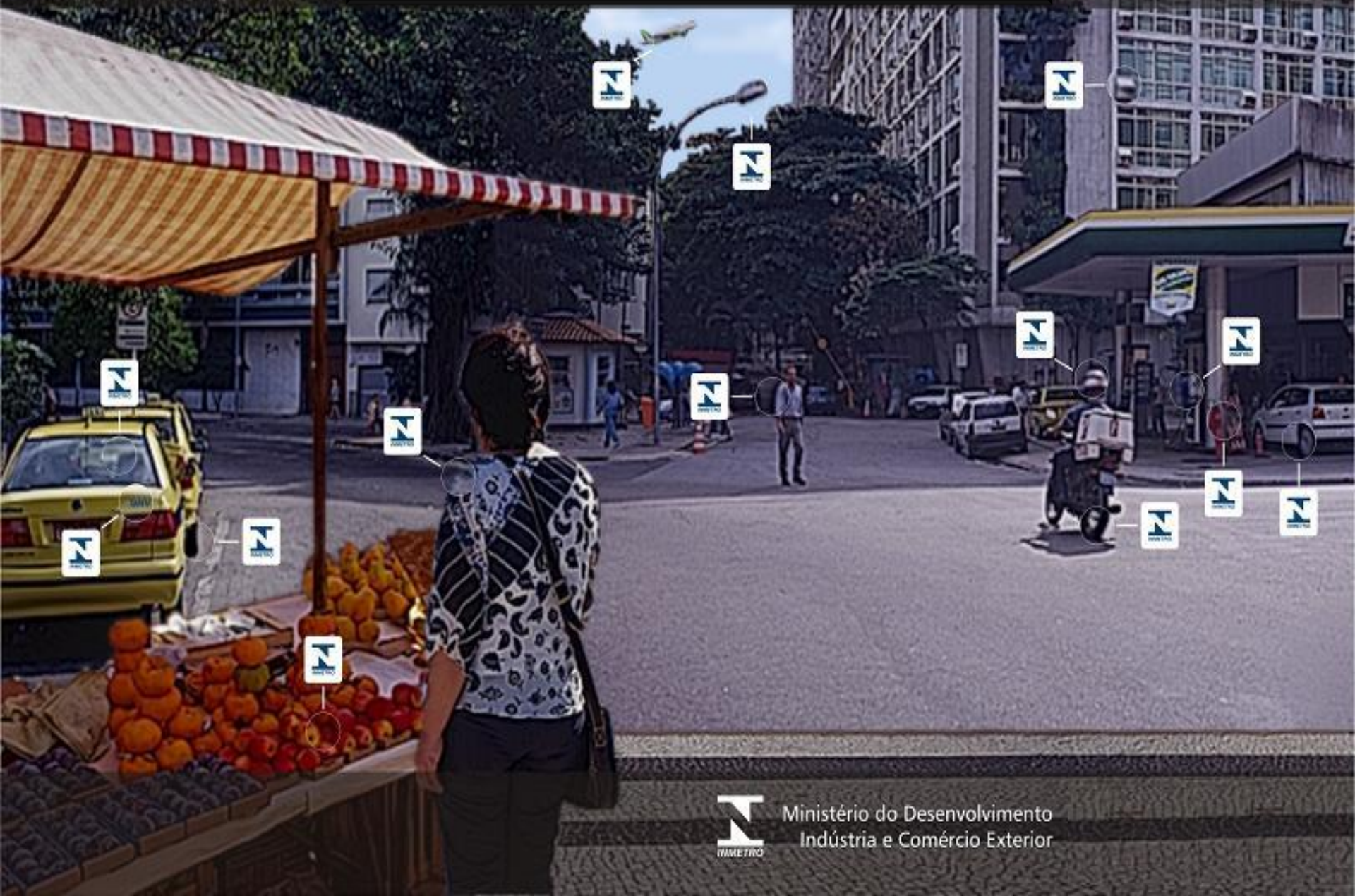
Brazilian Labelling Programme - PBE

Conformity seals

Inmetro's LED lamps documents

Market Suveillance

WHAT IS INMETRO?



Ministério do Desenvolvimento
Indústria e Comércio Exterior



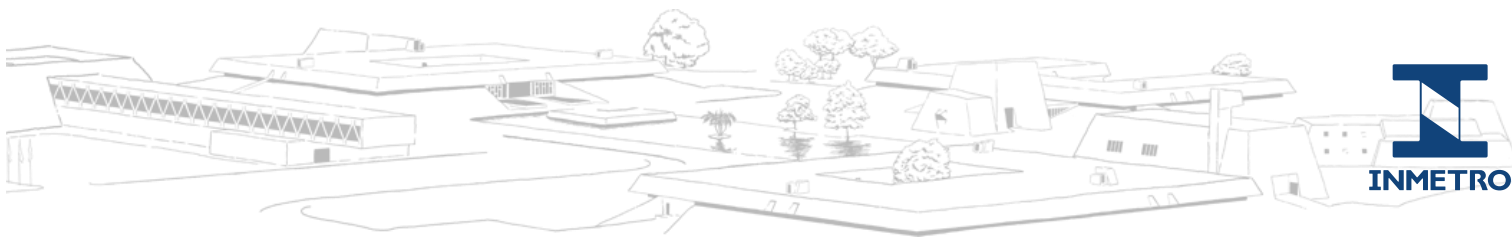
MOST EFFICIENT PRODUCTS



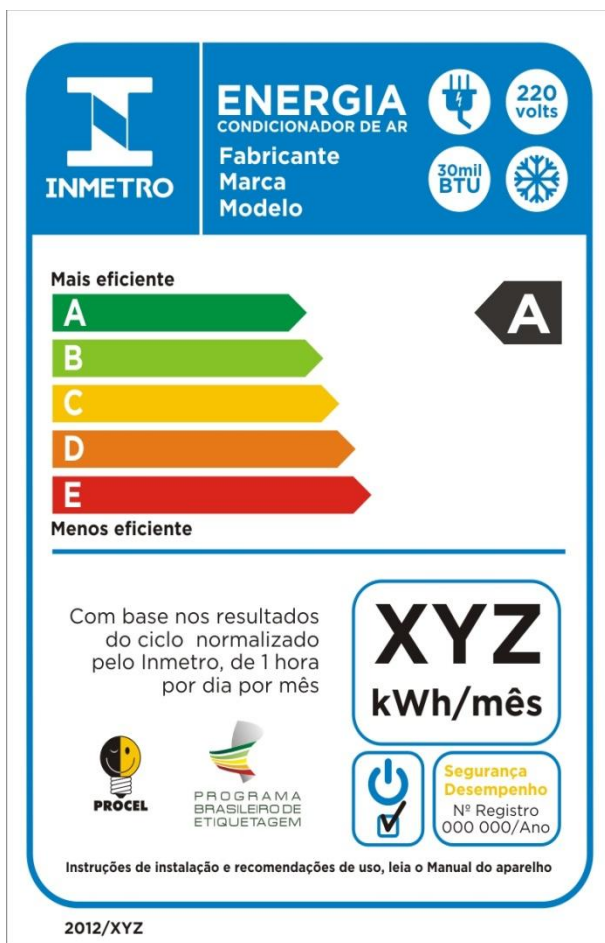
LABELLING
Inmetro

**Regulatory Authority
Scheme Owner
Accreditation Body**

**Minimum Energy Performance Standards
(Energy Efficiency Level and Indicators Management
Committee - CGIEE)**



TYPICAL ELECTRIC SEAL



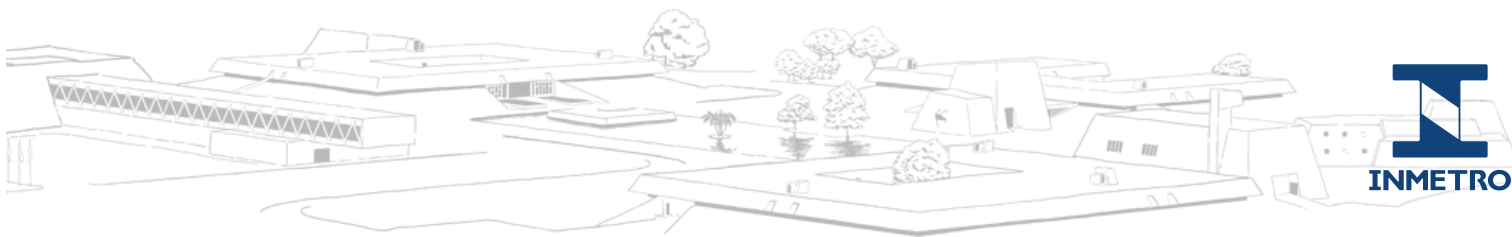
LED LAMPS SEAL





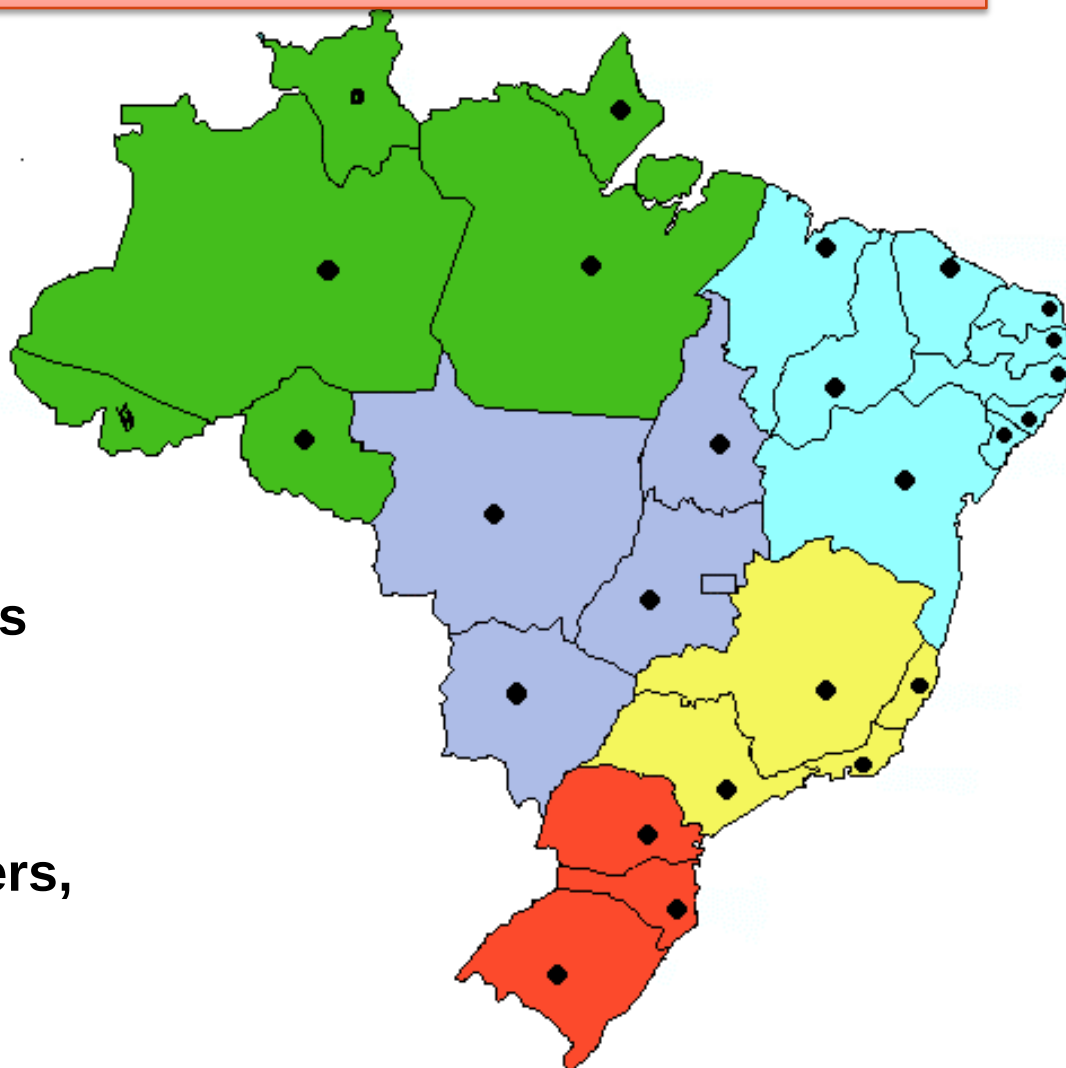
INMETRO'S LED LAMPS DOCUMENTS

SUBJECT	LEGAL DOCUMENT	WEB ADDRESS
Technical Regulation of LED lamps	Portaria Inmetro n º389, de 25 de agosto de 2014	http://www.inmetro.gov.br/legislacao/rtac/pdf/RTAC002154.pdf
Conformity Assessment Scheme of LED lamps	Portaria Inmetro n º144, de 13 de março de 2015	http://www.inmetro.gov.br/legislacao/rtac/pdf/RTAC002235.pdf
Technical Regulation of LED lamps for public lightning	Portaria Inmetro n º20, de 15 de fevereiro de 2017	http://www.inmetro.gov.br/legislacao/rtac/pdf/RTAC002452.pdf



Market Surveillance

- ✓ **Pre-Market**
 - Import control and products registre
- ✓ **Post-Market**
 - Inspections in manufacturers, retailers, and distributors



In Brazil, **78%** of the
consumers take the labelling
into consideration when
buying products

**Even if the most
efficient products
are a bit more
expensive**



Inmetro's homepage
www.inmetro.gov.br

Brazilian TBT enquiry point
pontofocal@inmetro.gov.br

Inmetro's legal documents
www.portaldoconsumidor.gov.br/legislacao