

## **LEGISLATION AND REGULATORY INITIATIVES**

- **ALL NATIONAL STANDARDS FOLLOW IEC STANDARDS. THEY ARE PUBLISHED BY BRAZILIAN ASSOCIATION OF TECHNICAL STANDARDS (ABNT)**
- **PUBLISHED OR UNDER PUBLISHING FOLLOWS LED LAMPS MODULES, LUMINAIRE AND DRIVER STANDARDS BY IEC**
- **INDUSTRIES APPLIES IES LM AND TM**
- **WILL BE PUBLISHED COMPULSORY GOVERNMENT REGULATIONS FOR LED LAMPS AND PÚBLIC LIGHTING LUMINAIRES REGARDING SAFETY AND PERFORMANCE TILL END OF 2013**

## **KEY NEW STANDARDS AND REVISIONS**

**IEC 62504 General lighting - LEDs and LED modules - Terms and definitions**

**IEC 62560 Self-ballasted LED-lamps for general lighting services > 50V –  
Safety specifications**

**IEC 62612 Self-ballasted LED-lamps for general lighting services –  
Performance**

**IEC 62663-1 Non-self-ballasted LED lamps - Part 1: Safety requirements**

**IEC 62663-2 Non-self-ballasted LED lamps - Part 1: Performance requirements**

**IEC 62031 LED modules for general lighting – Safety specifications**

**IEC/PAS 62717 LED modules for general lighting - Performance requirements**

**IEC/PAS 62717 LED Modules for general lighting – Performance requirements**

**IEC 62722- 2-1 Luminaire performance - Part 2-1: Particular requirements for  
LED luminaires**

**IEC 61347-1 Lamp controlgear - Part 1: General and safety requirements**

**IEC 61347-2-13 Lamp controlgear - Part 2-13: Particular requirements for d.c.  
or a.c. supplied electronic controlgear for LED modules**

## **FOLOWING RECOMMENDATIONS**

**CIE 084 The measurement of luminous flux**

**CIE 127 Measurements of LEDs**

## **KEY NEW STANDARDS AND REVISIONS**

**IEC 60432-2 Incandescent lamps - Safety specifications - Part 2:  
Tungsten halogen lamps for domestic and similar general lighting  
purposes**

**IEC 60432-3 Incandescent lamps - Safety specifications - Part 3:  
Tungsten-halogen lamps (non-vehicle)**

**IEC 60357 Tungsten Halogen lamps non-vehicle performance  
specification**

**IEC 62471 Photobiological safety of lamps and lamp systems**

## **PENETRATION OF SOLID STATE LIGHTING PRODUCTS**

- **SEVERAL SMALL AND MEDIUM PUBLIC LIGHTING IN MOST OF THE COUNTRIES AS PRESTIGE OR LEARNING INSTALLATIONS**
- **HIGHER PENETRATION OF LED LAMPS IN ARGENTINA AND CHILE**
- **HIGHER PENETRATION OF REFLECTOR LAMPS IN SHOPS LIGHTING**
- **SSL STRIPS APLIED OVERALL**
- **HIGH LOCAL TAXES INCREASES PRICES OF SSL PRODUCTS**

## **INCANDESCENT PHASE OUT, OTHER LAMPS**

- **BRAZIL – 2014/5**
- **ARGENTINA - 2010**
- **CUBA – 2010**
- **COLOMBIA – 2014**
- **MÉXICO -2014**
- **CHILE –**
- **PERU –**
  
- **DISCUSSION GOING ON TO PHASE OUT HIGH PRESSURE MERCURY AND BLENDED LIGHT LAMPS**

## **LOGISTIC AND RECYCLING PROCESS**

**BRAZIL – EXTENDED PRODUCER RESPONSIBILITY PROPOSAL  
PRESENTED TO THE GOVERNMENT ON 31/10/2012 AND FINAL  
ADJUSTMENTS GOING ON**

**COLOMBIA – DISCUSSION ON IMPLEMENTATION VIA NATIONAL  
INDUSTRY ASSOCIATION**

**MEXICO, ARGENTINA, CHILE – GENERAL DISCUSSION**

**MORE THAN 10 RECYCLERS**

## **REQUIREMENTS ON AVOIDING HAZARDOUS SUBSTANCES**

### **BRAZIL**

- **IEC 62542 Environmental standardization for electrical and electronic products and systems - Standardization of environmental aspects 19/04/2013**
- **OTHER IEC AND ISO STANDARDS**
- **IBAMA - IN N.º 1, 25/1/2013 National Register of Operators of Hazardous Waste**
- **IBAMA - IN N.º 6, 15/03/2013 Federal Technical Registry of Potentially Polluting Activities and Use Environmental Resources**
- **IBAMA – IN N.º 13, 18/12/2012 List of Solid Waste - Federal Technical Registry of Potentially Polluting Activities or Use Environmental Resources**

### **ARGENTINA**

- **IEC AND ROHS**

# **GOVERNMENTAL PROGRAMS ON ENERGY EFFICIENCY**

## **PROGRAMS**

**PROCEL – PROGRAMA NACIONAL DE CONSERVAÇÃO DE ENERGIA**  
**ANEEL – AGENCIA NACIONAL DE ENERGIA ELETRICA**

## **FINANCE**

**ANEEL, PROCEL, ESCOS**

**BNDES – BANCO NACIONAL DE DESENVOLVIMENTO ECONOMICO E  
SOCIAL**

**GEF – GLOBAL ENVIRONMENTAL FUND**



## **MAJOR LIGHTING EVENTS IN BRAZIL**

**EXPOLUX – APRIL 2014**

**SIMPOLUX –APRIL 2014**

**PRIZE FOR PROJECTS – OCTOBER 2013**

**PRIZE FOR LUMINAIRE LIGHT DESIGN – OCTOBER  
2014**