Energy Labelling in Colombia for Lighting Ballasts and LED Drivers

ANSI  Washington, DC  November 30, 2015

The Association of Electrical and Medical Imaging Equipment Manufacturers
NEMA

🔹 Represents nearly 400 electrical, medical imaging, and radiation therapy manufacturers

🔹 Combined industries account for >400,000 U.S. jobs and >7,000 facilities across U.S.

🔹 U.S. production > $117 billion per year

🔹 Our industry is at forefront on electrical safety, reliability, resilience, efficiency, and energy security
Background

- Rapid Evolution of Lighting Technology
- North American Lighting Industry and Regulator Transition
  - From Ballast Efficacy Factor (BEF) to Ballast Luminous Efficiency (BLE)
- MINMINAS: Proyecto de Reglamento Técnico de Etiquetado (RETIQ)
NEMA-MINMINAS Lighting Workshop

September 2015; Bogota, Colombia
- Mr. Gustavo Dominguez (NEMA Dir., Lat. Am.)

Day One: Gas discharge lamp ballasts
- Mr. Ernesto Mendoza (Philips Lighting)

Day Two: LED drivers
- Mr. Joe Parisella (OSRAM SYLVANIA)
Energía

Consumo de energía 6,8 kWh/ano

Factor Eficacia de Balasto 88 %/W

El consumo energético depende del lugar de instalación, modo de uso y mantenimiento del equipo.

Balasto Electromagnético

Marca BAEMEL
Modelo PB61

Compare este equipo con otros de similares características.

Tensión: 120 voltios
Potencia: 70 vatios
Salidas: Fluorescente 2*32 W
No dimerizable

No retirar esta etiqueta hasta que se venda el equipo al consumidor final
Action Items

❖ MINMINAS to review proposal for new ballast energy efficiency labeling, to transition from BEF to BLE, in Q1 2016?

❖ MINMINAS to review draft proposal for LED driver standard for safety based on UL, ANSI, and NEMA standards in Q2 2016?
Action Items (2)

💡 MINMINAS to review draft proposal for LED driver performance standard based on ANSI, and NEMA standards in Q3 2016?

💡 MINMINAS to review draft proposal for LED replacement lamps performance standard for safety based on UL, ANSI, and NEMA standards in Q4 2016?
Questions

💡 Does Colombia have an annual standards development and/or adoption program plan?

- Lighting
- Other electrical and electronic equipment

💡 Is this available publicly? to NEMA & ANSI?
Questions? Thanks for Your Attention!

Craig Updyke

NEMA Government Relations Manager, Trade and Commercial Affairs
703 841 3294 craig.updyke@nema.org