1700 licensees

May 2025

EnabLED Licensing Program for LED Luminaires and Retrofit Bulbs

ENABLED

Licensee growth chart

- 100 — Dec 2010
- 200 — May 2012
- 300 — May 2013
- 400 — Mar 2014
- 500 — Jan 2015
- 600 — Nov 2015
- 700 — Sep 2016
- 800 — Jul 2017
- 900 — May 2018
- 1000 — Dec 2018
- 1100 — Sep 2019
- 1200 — Jul 2020
- 1300 — Jun 2021
- 1400 — May 2022
- 1500 — Mar 2023
- 1600 — May 2024
- 1700 — May 2025
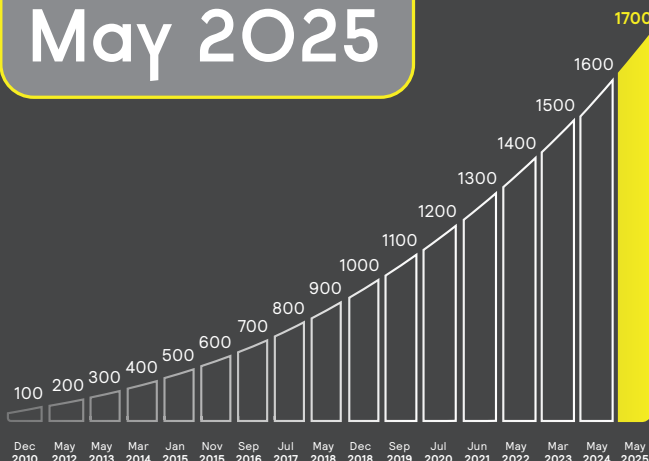
Breakdown of licensee application areas*

- 52% Consumer, Industrial, Office
- 23% Retail, In Store
- 36% Retrofit
- 24% Entertainment, Theatrical, Architectural
- 15% Streetlighting, Outdoor
- 20% Other

Number of patents
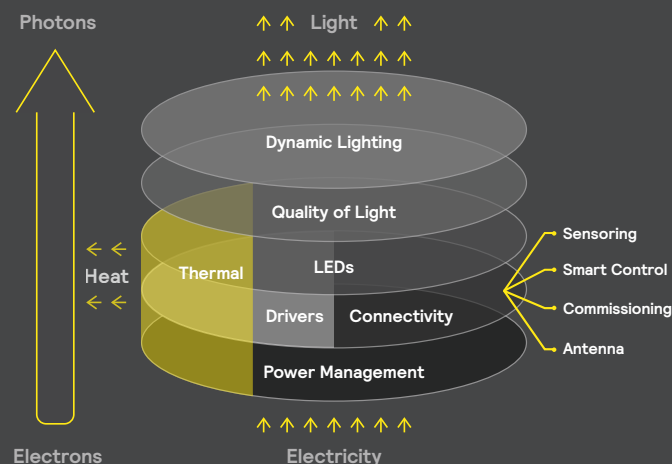
- 670+ inventions
- 5000+ patents granted
- 140+ patents pending
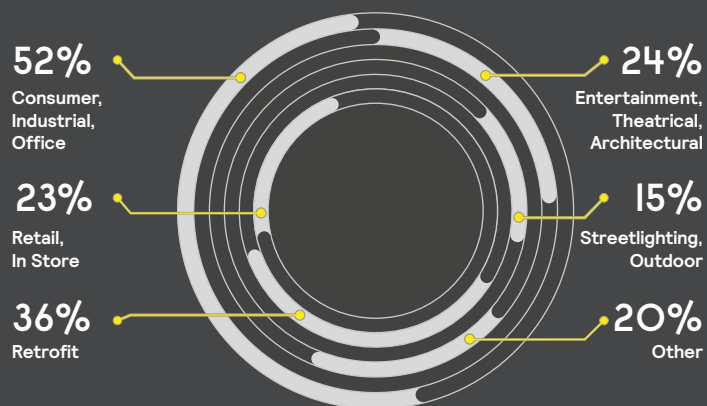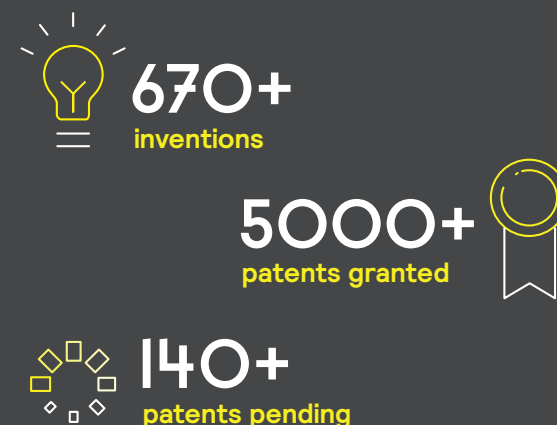
Example technologies and applications

Efficient LED driver & light flicker reduction
Highly efficient LED drivers and stable light output to satisfy flicker and stroboscopic SVM regulations

Filament based LED products
Create efficient products reminiscent of traditional, incandescent Edison-style filament bulbs

Highly efficient & Application tuned spectra
Provide efficient and purpose designed spectra for various lighting applications, such as high contrast retail white light and horticultural spectra

Human centric lighting
Provide efficient and controllable high-quality lighting and the tuning of Melatonin production for improved circadian rhythms and emotional needs

CCT and Power Select
Selection of color temperature and/or power for SKU reduction

Diagram

- Photons
- Light
- Heat
- Electrons
- Electricity
- Dynamic Lighting
- Quality of Light
- LEDs
- Thermal
- Drivers
- Connectivity
- Power Management
- Sensoring
- Smart Control
- Commissioning
- Antenna

Connected LED lighting technologies
RF wireless technologies for Bluetooth, WiFi and Zigbee and antenna innovations

Connected LED lighting systems
Designing, commissioning and 2-way control of networked LED lighting systems for next level energy efficiency

User interfaces for LED lighting systems
Provide intuitive static and dynamic lighting control for atmosphere creation, and color control, and SKU reduction

Sensoring
Provide energy efficient lighting control systems using real time occupancy, self-learning, daylight, camera-based and temperature sensing

Laser based illumination
High radiance light sources using remote wavelength conversion, such as laser-based phosphor wheel illumination