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# Light is reliable

## OPTOTRONIC<sup>®</sup> LED drivers for indoor and outdoor applications

Flexible and versatile constant-current and constant-voltage drivers

**Light is OSRAM**

**OSRAM**



OSRAM OPTOTRONIC® LED drivers:

## Multifaceted and flexible: effective LED lighting for your success

Whether it's innovative or classic design, constant current or constant voltage, DALI-2 or 1...10V, indoor or outdoor lighting – we have the LED driver to meet your needs. The diverse OPTOTRONIC® portfolio from OSRAM Digital Lighting Systems has the optimum solution for an extremely broad range of requirements, bringing you energy-saving LED applications with high light quality, long operating life and exceptional reliability.



### Greater design flexibility for more compact luminaires: OSRAM OPTOTRONIC® Compact constant-current LED drivers

Due to the general trend toward miniaturization in lighting, today's customers want ever smaller luminaires, but no compromise on performance. Our compact LED drivers give you more options and greater flexibility, particularly for LED spotlights and downlights. They can easily be retrofitted with cable clamps at any time.

#### The most important novelties:

- OTi DALI LED driver with NFC interface for mains-voltage-free programming
- OTi DALI 10/700 NFC; short, 31 x 21 mm slim DALI driver, 2.5V...45V
- OT FIT LED drivers suitable for emergency lighting, with a height of only 22.5 mm (LP version), with EL quality label

The following overviews provide decision-relevant data regarding driver output power, efficiency, permissible number of drivers on a 16 A (type B) automatic circuit breaker, current ripple, lifetime, EL compatibility or cable clamp installation.

All OPTOTRONIC® LED drivers and details can be found at: [www.osram.com/optotronic](http://www.osram.com/optotronic)

### Fully in line with the current market requirements:

#### OSRAM OPTOTRONIC® Linear constant-current LED drivers

Our linear LED drivers are perfect for a wide range of luminaires and lighting applications, especially in office and industrial scenarios.

#### The most important novelties:

- Tunable White constant-current DALI LED drivers (DT8) for HCL and Tunable White applications
- Long-life, reliable DALI industry drivers with a product guarantee of 8 years
- DEXAL LED drivers with easy and cost-efficient interface for the connection of various sensors and radio modules, allowing for the exchange of luminaire-relevant data
- ON/OFF SELV LED driver family OT FIT 25 to 75 W, four currents selectable
- Low-cost linear ELEMENT LED drivers as SELV and non-isolated version from 18 to 60 W

#### Other novelties:

- Upgrade of OTi DALI 35...90 (G3) with higher efficiency, DALI-2 standard, AM dimming and reduced inrush current
- Many of the new drivers can be programmed easily without mains voltage via NFC interface
- All new and upgraded drivers allow amplitude dimming across the entire dimming range

#### High level of functionality:

#### OSRAM OPTOTRONIC® Outdoor LED drivers

We supply particularly efficient and robust LED drivers for your luminaires and lighting applications in outdoor areas, with flexible current settings. Tailored to your needs and easy to install!

#### Important updates of the range:

- **New:** OT 4DIMLT2 G2 – can be programmed via NFC with Tuner4TRONIC® Field app, up to 8 kV, Driver Guard, suitable for emergency lighting, EL quality label
- **New:** OT 1DIMLT2 G1 – can be programmed via NFC with Tuner4TRONIC® Field app, up to 10 kV, Driver Guard
- General: with all new OPTOTRONIC® outdoor families, the current ripple is less than 5 %

#### Smart efficiency modification:

#### OSRAM OPTOTRONIC® constant-voltage LED drivers

LED drivers with an output voltage of 12 V and 24 V are the perfect choice for implementing modular and flexibly scalable LED systems.

#### The most important novelties:

- 24 V OTi DALI, 50/80 W, device type 6, 1-4 channel, and OTi DALI 160/220-240/24 1-2 CH
- 24 V OTi DALI ... TW, 50/80/160 W, DALI Version-1 and DT8 for Tunable White and HCL applications
- 1...4 channel dimmer OT BLE DIM 12-24 with Bluetooth interface, for Casambi control software
- Two new OPTOTRONIC® Outdoor 24 V families:
  - Dimmable 1...10 V – OT 20/40/60/100/250 DIM P
  - ON/OFF – OT 20/40/60/100/250 P











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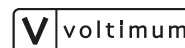
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