

# Optimally designed interior lighting with Tunable White

Good news for the “indoor generation”: with the OSRAM DS drivers OTI DALI 15 and 25 NFC TW I and the PL CN50 TW module, you can bring Tunable White to the HCL design of indoor spaces.

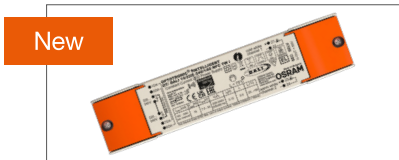
According to a YouGov study, northern Europeans and North Americans spend around 90% of their lives indoors. When planning and installing lighting systems, the focus is therefore increasingly on human well-being. With variable light intensity and color temperature, Human Centric Lighting (HCL) incorporates the emotional effect of light into installation systems – and can contribute to greater concentration, increased performance or better room atmosphere.

Follow the current trends of HCL and Tunable White with the new OSRAM drivers OTI DALI 15 and 25 NFC TW I and the PL CN50 TW module, and bring even more flexibility into play: in addition to high-quality dimming by amplitude modulation, they enable perfect adjustment of the color temperature with preset Tunable White DT8 operation and optionally available dual-channel DT6 operation (programmed

via T4T), for example to imitate the natural incidence of light at different times of day. With the broad selection of programmable features, such as CLO, soft switch-off or Dim-2-Dark, they offer plenty of room for a variety of applications. This means that HCL and Tunable White can be implemented in no time at all. The new PrevaLED module PL CN50 TW is perfectly suited for an optimally tuned lighting system with OTI DALI 15 NFC TW I. The small spot LED module, including heat sink, is easy to install. The included LED lens provides a pleasant lighting effect with high light efficiency of up to 98 lm/W – as a spotlight or for accent and decorative lighting in retail spaces. OTI DALI 25 NFC TW I is compatible with linear and area modules for downlights and ceiling luminaires as well as panel luminaires in offices, stores and dining areas, and brings a wide range of individual combination options.



**Lighting specifically designed to have a positive effect**  
The concept of Human Centric Lighting (HCL) incorporates the emotional effect of light into installation systems – and can contribute to greater concentration, increased performance or better room atmosphere.



**Follow the current trends of HCL and Tunable White**  
The new OSRAM drivers OTI DALI 15 and 25 NFC TW I and the PL CN50 TW module enable perfect adjustment of color temperature with preset Tunable White DT8 operation and optionally available dual-channel DT6 operation



**Designed to work in a variety of applications**  
HCL and Tunable White can be implemented in no time at all for variable interior concepts and are individually adjustable to the needs of the premises. Whether that's in office buildings, in stores or in the hospitality industry.



**Discover a wide range of individual combinations**  
With the additional integrated cable clamp and loop-through connection, OSRAM DS supplies a complete package that is quick and easy to install thanks to the small size of the drivers.

Interested to find out more about our new components? Reach out to the sales team at OSRAM DS via our contact form – we're always happy to help.  
Visit: [www.osram.com/compact](http://www.osram.com/compact)



**Chris Kazazis**

Chris Kazazis is Product Portfolio Manager of Compact Constant Current Systems, with a 24-year career with OSRAM, starting from lamp development and extending to product management of electronic drivers and LED modules.

## Here's all you need to know about our new products:

OTI DALI 15 and 25 NFC TW I drivers:

- Default tunable white DT8 operation: optional 2 channel DT6 operation (programmed via T4T)
- Ready for the IoT world, with DALI parts 251, 252, 253
- Outstanding light quality and low ripple
- High-quality amplitude dimming via DALI or TouchDIM/Corridor Function
- Great programming speed with NFC, including NFC Box programming
- Integrated cable clamp and loop-through connection for ease of installation
- Small dimensions for small cut-outs and downlights
- Suitable for emergency installations

PrevaLED CN50 TW module:

- Wide CCT range, from 2,700K to 6,500K
- High luminous efficacy of up to 98 lm/W
- Beam angles 24° and 40°
- Compact form factor compatible with conventional MR16 CDM lamps
- Including heatsink

## OSRAM. The light you need.

OSRAM Digital Systems delivers technology for successful LED projects. From components to complete systems, from individual solutions to large-scale installations. Whether in industry, at trade fairs, in parking garages or in retail stores – you can always rely on OSRAM quality components.