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# inventronics



# Lighting Systems Commercial



# Rebranding Our Products from OSRAM to Inventronics

Important Information for Our Customers

Valued Customer, we are pleased to inform you about an important update: following the acquisition of OSRAM Digital Systems by Inventronics in 2023, to ensure continuity of the quality and reliability of the products you trust, **all OSRAM Digital Systems products will transition to the Inventronics brand starting in 2025**, with OSRAM-branded deliveries ending in **March 2026**.




## Why this change?

**This transition protects the value of the technology, expertise and innovation that power your products and lighting solutions.** While the OSRAM name will continue to appear in the marketplace, the trusted knowledge, original teams and proven processes are now part of Inventronics – your dedicated partner in advanced lighting technology.


**Inventronics not only ensures you keep the access to the proven performance, innovation, and reliability** that have been integral to OSRAM Digital Systems in the past, **but expands its capabilities to provide system solutions in your target application at a global scale.**

## What is changing?




### New Branding

The OSRAM logo on labels, packaging, documents, and certificates will be replaced by the Inventronics logo




### Same Products

Features, names, and in most cases, certification numbers will remain unchanged.



### New EANs

Each existing product will receive a new EAN for the Inventronics version, ensuring traceability.



### Further Development by Inventronics

All future developments of these products will be handled by Inventronics, leveraging the proven expertise and high quality you have come to expect from OSRAM.

## Certifications and Documentation

**Consistency Ensured:** Since 2023, our products have been listed under “Inventronics” in CB and ENEC certifications. After the transition, rebranded products will retain their certifications, ensuring your existing luminaire certifications remain valid.

**Rebranding Without Compromise:** Thanks to close coordination with certification bodies, the rebranding will be transparent, with no changes to the technical core functionalities.

# About Inventronics

## Building a Brighter Future

Inventronics is a premier global producer of cutting-edge lighting solutions such as LED drivers, sensors, control systems, and LED modules. With a strong commitment to quality, reliability, and compliance with international standards, we deliver innovative and efficient solutions to our customers worldwide. The acquisition of OSRAM Digital Systems in Europe and Asia in 2023 has strengthened our portfolio, development, capabilities, and expanded our global reach.



# ALL FIELDS OF APPLICATION



## Why Choose Us?

### A Broad Portfolio Of Dependable Products

You benefit from industry-leading comprehensive portfolio of indoor and outdoor high-quality, energy-efficient products and systems as well technical expertise in all lighting applications from a single source.

### A Customer-Focused, Service-Driven Collaborator

We develop for and together with you best fitting components and solutions – from standard to customized.

### A Forward-Looking, Global Enterprise

We provide consulting, know-how, products, and services from a single source worldwide. Our customer proximity is our core – with on-site contacts and direct connections, you benefit from our global reach.

### An Innovative Technology Leader

Through continuous research and development, we improve and extend our range of highly reliable solutions with advanced technologies that ensure you are one step ahead.

### A Trusted Partner for Lighting Companies and beyond

We don't compete with our customers; we work with you to create value and make you more successful.

At Inventronics, we are committed to delivering superior lighting solutions and building lasting partnerships for a brighter future.





# Light at work!

Choose the most fitting cost-benefit smart lighting system for your solutions.

By selecting our advanced systems, your solutions will deliver quality lighting, reduce operational costs, and add benefits of IoT services beyond lighting.



# Expertise

Lighting systems play a crucial role in promoting comfort, productivity and energy efficiency for public buildings, offices and education institutions.

Our solutions are designed to deliver maximum flexibility with highest quality of light as a result of:



Sophisticated lighting control



Efficient & durable components



Simple operation & future scalability

# System Value

- Our systems are built on fully tested, interoperable components, including LED modules, smart drivers, sensors, and controls.
- Best-in-class levels of efficiency and durability, making them a building block for sustainable solutions and circular economy.
- We champion standardization to integrate the latest technical advancements in the lighting industry.
- Beyond complete lighting systems, we provide comprehensive technical support, from customization to meeting special requirements.
- Our smart controls, both wired and wireless, ensure light comfort without compromising energy savings, while remaining open to IoT services beyond lighting applications.
- Systems designed to meet the application requirements with geographical fit.

# Sub-applications



Schools



Office Buildings

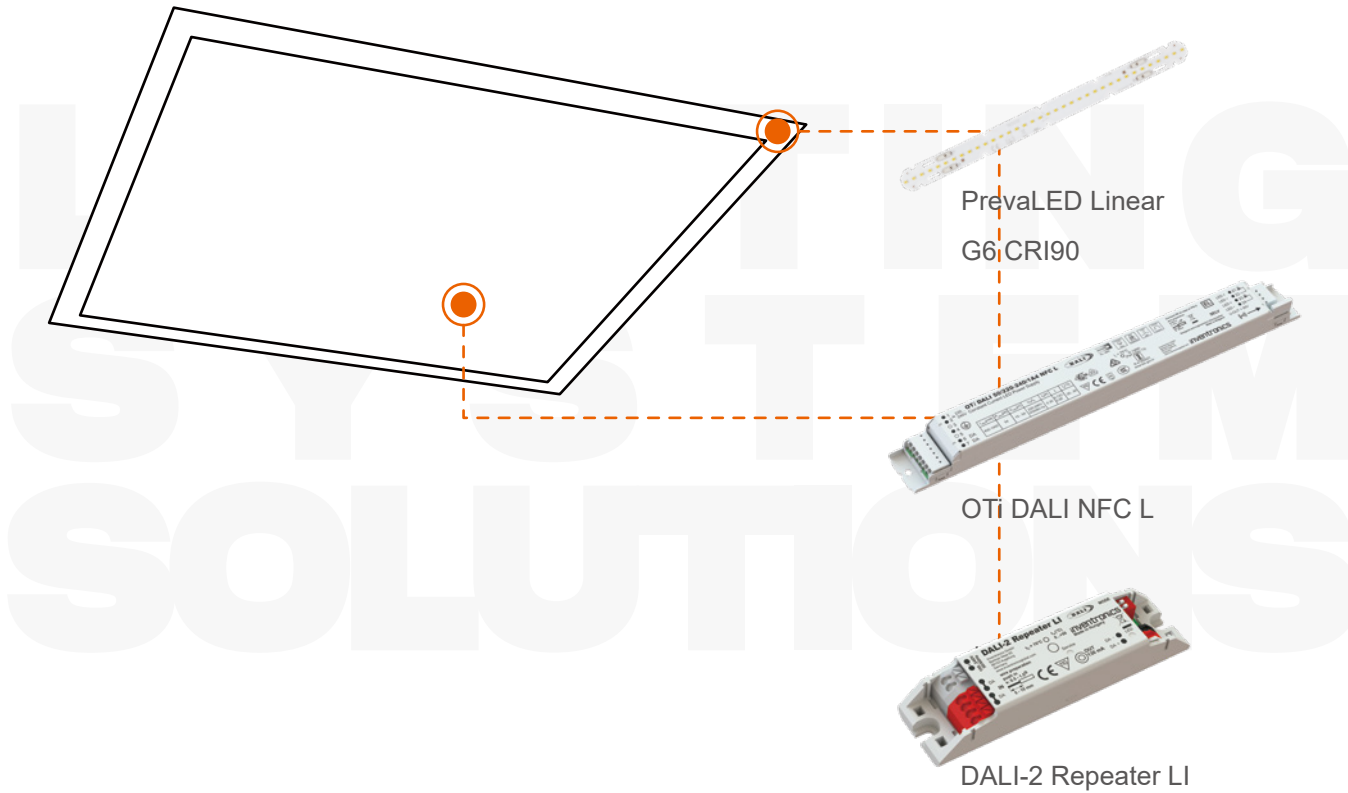


Healthcare



Government

# Lighting System Solutions





# Inventronics Cases

Create human-centric lighting environments.  
*Fernandez Molina Offices, Madrid, Spain*



Set a new benchmark for modern lighting in office spaces.  
*Office lighting – Greenford, UK*



Daylight and presence-dependent office lighting on 18 floors – all wireless thanks to HubSense.  
*Office lighting, Leeuwarden, Netherlands*



Intelligent lighting solutions that create a human-centric and sustainable lighting experience with a powerful control system.  
*Inventronics office, Gurgaon, India*



# Product Portfolio

Lighting Systems - Commercial



## 01 Controls, Sensors, Programming tools & Accessories

1.1 DALI	DALI PRO 2 IoT	01
	DALI MCU TW G2	02
	DALI ECO BT RTC	03
	DALI-2 SENSOR LS/PD HB LI	04
	DALI-2 REP LI	05
1.2 Bluetooth NLC	Bluetooth NLC D4i Module Indoor	06
	Bluetooth NLC 0-10 Module Indoor	07
	Bluetooth NLC 220-240 LS/PD CI	08
1.3 Software	Tuner4TRONIC	09
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1.4 Programming Tools	DALI magic	10

## 02 LED Driver & Accessories

2.1 Connected - Constant Current	OT Wi D NFC BL L	11
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2.2 Connected - Constant Voltage	IT D0 24V 1CH - 2CH	17
	OTi DALI 48V 1CH	18
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2.3 Simple DIM - Constant Current	LUM-MTx	20
2.4 Non Dimmable - Costant Current	ELEMENT	21
	EM FIT (N) CS L	23
	EM FIT N CS L CCT	24



# 03 Light Modules & Accessories

3.1 Linear & Area	PrevaLED Linear G6	25
	PrevaLED COIN 50 COB G2	26
	PrevaLED Flat AC BL	27







Advantages

- DALI-2 certified
- IoT ready with built-in gateway for remote data access
- Easy browser-based commissioning UI and Professional Software available
- Small form factor: only 6 TE (DIN rail)
- Commissioning via Ethernet/WLAN
- DALI-2 certified for improved multi-vendor interoperability
- Template based onsite commissioning via Smart device
- Building Management System integration via optional KNX interface
- Remote access for changes in the configuration from every location
- LAN Interconnect to connect up-to 8 Controllers into one network
- Rest API for connection of a 3rd party Cloud with the DALI Pro 2 IoT Controller
- Automated testing and reporting of emergency lighting installations
- Daylight Simulation via scene recall and/or light sensor regulation

Safety Certifications



EAN	Product Name
6977078993692	DALI PRO 2 IOT

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data



Advantages

- Up to 4 DALI PCU TW G2 can be connected in parallel to set up multiple control points
- Automatic synchronization between the control points
- Cover and rotary switch in neutral white
- Length of the DALI control cable: up to 300 m
- Intuitive manual dimming, switching and changing of colour temperature
- Individual setting of minimal brightness level
- Individual setting of colour temperature range

Safety Certifications



EAN	Product Name
6977078993777	DALI MCU TW G2

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data





# DALI ECO BT RTC

## Advantages

- Compact light control with DALI interface
- Smart phone connection via Bluetooth® to control and configure
- Integrated clock for time based control of brightness and color temperature (HCL)
- Adaptable HCL curve with up to 24 points
- One DALI output channel (Broadcast or Groupcast)
- Up to 32 DALI luminaires connectable
- Supports up to 4 OSRAM DALI sensors and pushbutton couplers
- Daylight-dependent regulation and presence-dependent control of light
- Pushbutton interface to separately control brightness and color temperature
- Daytime depending change of brightness and color temperature (HCL)
- Suitable for Human Centric Lighting Applications (HCL)
- Control the light via Smartphone
- Adjustment of all settings via smartphone
- Up to 4 timers with ON-/OFF-Time and weekday configurable
- Simplified startup thanks to predefined operation modes
- Intuitive manual dimming, switching and changing of colour temperature
- Up to 4 groups separatly controllable
- Adjustable Offset for different groups
- Easy Scene creation via App
- Firmware update over-the-air via Bluetooth possible
- Integrated DALI supply
- Control of standard white or Tunable White light acc.
- DALI device type 8 (DT8)
- Selected DALI parameters changeable via APP

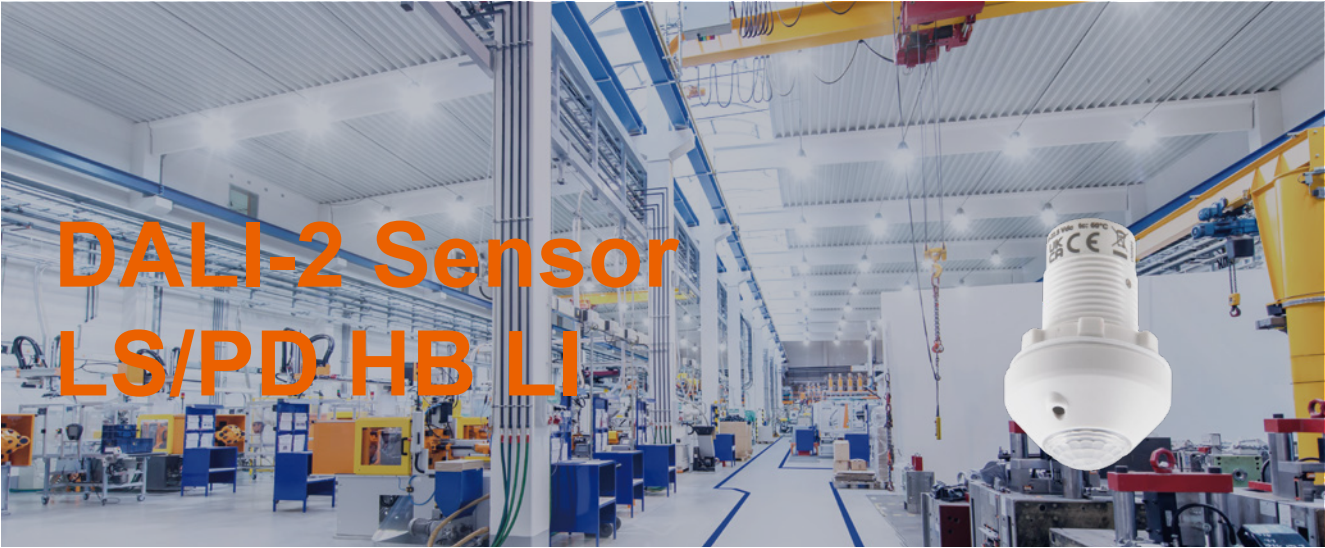
## Safety Certifications



EAN	Product Name
6977078993753	DALI ECO BT RTC CONTROL

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

## More Technical Data



# DALI-2 Sensor LS/PD HB LI

## Advantages

- Light and motion sensor for luminaire installation
- Motion detection via passive IR element
- Light sensor operating range: 5 ~ 2000 lx (measured at sensor)
- Detection height up to 17 m
- Function indicator LED
- Intended for installation into a standard ½" knockout
- Design freedom due to compact size
- Protection Class IP65 (In installed condition)
- Easy to integrate in luminaire
- DALI-2 certified
- DALI Bus powered (No mains connection necessary)
- Multiple sensors connectable to the same DALI line
- Shutter included to optimize sensor detection
- Integreatable in light- and building management systems supporting DALI-2 sensors

EAN	Product Name
6977078993791	DALI-2 SENSOR LS/PD HB LI

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

## More Technical Data







# DALI-2 REP LI

Advantages

- Expansion of DALI systems by 64 DALI control gears each time
- Extends the DALI line by 300 m
- Maximum power consumption in stand-by mode: 1 W
- Four versatile operating modes: Basic, Group, Extend, Touch DIM
- Basic mode: DALI-2 certified DALI converter for grouping up to 64 standard DALI drivers.
- Group mode: Groups up to 64 DALI drivers and up to 5 Inventronics DALI-2 sensors.
- Group mode: Supports standard DALI drivers and DALI-DT8 drivers (TW / RGB (W)).
- Touch DIM mode: Simple switching and dimming of up to 64 drivers.
- Powerful power supply:130 mA DALI bus power supply
- Can be addressed via DALI

Safety Certifications



EAN	Product Name
6937186116437	DALI-2 REP LI

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data



# Bluetooth NLC D4i Module Indoor

Advantages

- With/without Daylight and Occupancy Sensor D4i Module
- Bluetooth NLC enabled by Silvar
- Control of D4i drivers or DALI drivers with additional DALI bus power supply
- Intended for installation into a standard ½" knockout
- Works with Hubsense®
- Standard communication protocol released by Bluetooth SIG
- Design freedom due to compact size
- Easy to integrate in luminaire
- Minimize internal wiring in combination with D4i drivers
- Secured product communication granted by ioXT and PSA Certificates

Safety Certifications



EAN	Product Name
6977078990363	B NLC D HB LI
6977078990387	B NLC D LI R
6977078990448	B NLC D MB LI
6977078990462	B NLC D LB LI
6977078993425	B NLC D OF LI BK
6977078997041	B NLC D OF LI S
6977078997553	B NLC D OF LI

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data







Advantages

- Design freedom due to compact size
- Easy to integrate in luminaire
- Minimize internal wiring in combination with 0-10V LED drivers
- With/without Daylight and Occupancy Sensor
- Bluetooth NLC
- Control of 0-10V LED drivers
- Works with Inventronics Hubsense

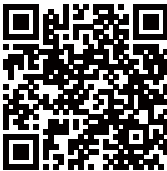
Safety Certifications



EAN	Product Name
6937186115959	B NLC A OF LI
6937186115973	B NLC A HB LI
6937186115997	B NLC A LI R

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data



Advantages

- Presence detection via passive IR element
- Detection height up to 4 meter
- Bluetooth NLC enabled by Silvar
- Suitable for up to 16 DALI-2 LED drivers (Part - 207) in broadcast mode
- Ambient light dependent control and presence detection
- Shutter included to optimize sensor detection
- Simplified mounting for flush device boxes
- Large motion detection range

Safety Certifications



EAN	Product Name
6977078990400	B NLC 220-240 LS/PD CI

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data





# SOFTWARE

## Software

### Overview

Inventronics offers a comprehensive range of professional software solutions to support and configure its components.



T4T



Apps



### Tuner4TRONIC

A software suite for OEMs that enables the configuration of all programmable OPTOTRONIC, ICUTRONIC, QUICKTRONIC, and POWERTRONIC LED drivers during the luminaire manufacturing process.



### DALI PRO PC TOOL

Software for configuring DALI installations in combination with the DALI PROFESSIONAL control unit DALI PRO C-4 RTC or DALI PRO 2 IoT. DALI PRO 2 IoT is an innovative lighting management control technology for the IoT era.



### DALI Wizard

A GUI tool for setting up, analyzing, and diagnosing DALI ECG installations, used in combination with the DALI Wizard control device.



### BT Config

An app that offers standalone component detection and automatic light calibration, eliminating the need for manual commissioning and adjustments of daylight-dependent controls.



### BT Control

Allows the control of DALI-enabled luminaires via a smartphone, including light level and color temperature adjustments, as well as the storage of individual lighting scenes.



### DALI PRO CONTROL

Easily manage complex lighting scenarios at a touch: switch or dim lights, change light colors or adjust the color temperature.



### HubSense Commissioning

The “HubSense Com” app is a tool to carry out configurations and to test light settings for the installer and the system integrator in order to intuitively commission on site Bluetooth Mesh components (QBM), which are qualified according to the standard.

# PROGRAMMING TOOLS

## Programming Tools

### DALI magic



### Features

- USB DALI converter for Tuner4TRONIC and DALI wizard software for Windows PC
- Pushbutton to test DALI dimming without need of connection to computer
- Powered by USB or by included universal power supply
- Integrated automatic DALI supply of up to 64 devices (up to 4 if powered by USB)





Advantages

- Qualified Bluetooth mesh enabled by Silvair
  - Supply voltage: 220 ~ 240 V
  - Line frequency: 0 Hz | 50 Hz | 60 Hz
  - Line voltage: 198 ~ 264 V
  - Lifetime: up to 100,000 h
  - Type of protection: IP20
  - Non-isolated drivers
  - Versatile QBM window driver up to 100 W and 750 mA
  - Fully programmable via software (NFC)
  - Very high efficiency
  - High-quality dimming of 1 ~ 100 % (amplitude and/or PWM selectable by software)
- Higher quality of light thanks to < 1% output ripple current
  - Fulfils safety requirement due to overload, overtemperature
  - Hot Plug protection

Dimming Functions

Bluetooth NLC

Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
4062172267373	OT Wi 35/220-240/400 D NFC BL L	4 ~ 38	75 ~ 400	54 ~ 240	92%	280 x 30 x 21
4062172267397	OT Wi 75/220-240/550 D NFC BL L	6.5 ~ 75	125 ~ 550	54 ~ 240	93%	280 x 30 x 21
4062172267410	OT Wi 100/220-240/750 D NFC BL L	5.4 ~ 100	100 ~ 750	54 ~ 260	94%	280 x 30 x 21

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data



Advantages

- Input voltage: 220 ~ 240Vac
- Wide Output current range
- Fully programmable DALI/NFC
- Low THD <5%@ full load
- Wide ambient temp range
- Support DALI parts -251, -252, -253
- Wide output voltage range
- CLO – Constant Lumen Output
- Very high efficiency up to 96%
- 100'000 h lifetime at max tc
- 5 years guarantee
- Suitable for Emergency Lighting
- Improved Efficiency and Power factor at partial loads
- Wide operating range adjustable via DALI or NFC\*
- CLO integrated for maximizing energy savings
- Small, slim white metal housing
- One version to machth multiple power applications with improved product performance and drivers per Circuit
- Braker, reducing the need of various SKUs.
- The 75W version can be used to replace 75/60/35/25W applications with equivalent or better performance.
- Same for 150W version to match 150/100/90W ones.
- Programmable Hybrid dimming 1-100%

About OTi DALI NFC L HE

OPTOTRONIC Linear DALI, Non-isolated, High Efficiency Power Supply is the ideal choice for linear and area fixtures for office - industrial - shop lighting requiring very high conversion efficiency, extended operative window with excellent Harmonic Distortion and Power Factor in all working conditions, dimmable via DALI interface including parts 251,252,253 for monitoring Luminaire, Energy and Diagnostic data.

Dimming Functions

DALI-2

Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6937186150226	OTi DALI 75/220-240/550 N NFC L HE	3 ~ 75	35 ~ 550	54 ~ 240	96%	280x30x16
6937186150240	OTi DALI 150/220-240/1A0 N NFC L HE	6 ~ 150	100 ~ 1000	54 ~ 300	96%	360x30x21

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.





Advantages

- Qualified Bluetooth mesh enabled by Silvair
- Works with HubSense®
- Supply voltage: 220 ~ 240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Line voltage: 198 ~ 264 V
- Lifetime: up to 100,000 h
- Type of protection: IP20
- Integrated cable clamp for luminaire and independent installation
- Small housing for flexible luminaire designs
- Versatile QBM window driver due to flexible output characteristic
- Easy and fast output current setting via NFC
- Very high efficiency
- High-quality dimming of 1 ~ 100 % by amplitude dimming

Dimming Functions

Bluetooth NLC

Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6977770431683	OT Wi 15/220-240/1A0 NFC BL LPI	3 ~ 18	150 ~ 1050	10 ~ 54	87%	150 x 42.5 x 22
6977770431706	OT Wi 25/220-240/700 NFC BL LPI	3.6 ~ 27	180 ~ 700	10 ~ 54	88%	151 x 42.5 x 22
6977770431720	OT Wi 40/220-240/1A0 NFC BL LPI	7 ~ 38	350 ~ 1050	10 ~ 54	88%	152 x 42.5 x 22

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data



Advantages

- Supply voltage: 220 ~ 240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Line voltage: 198 ~ 264 V
- According to EN 61347-1, 61347-2-13, 62384
- RI suppression: to EN 55015/CISPR 15
- Immunity according to EN 61547
- Lifetime: up to 100,000 h
- Type of protection: IP20
- Versatile DALI window driver due to flexible output
- Integrated DEXAL Bus power supply for sensors and wireless radios
- Design for wireless lighting control system and sensors
- Locking and unlocking of luminaire/driver data
- Advanced luminaire/driver data for analytics
- D4i certified incl. Parts 250, 251, 252, 253
- Easy and fast output current setting via NFC
- High-quality dimming of 1 ~ 100 % by amplitude dimming

- Suitable for emergency Installations (acc. to EN 60598-2-22 and IEC 61347-2-13,appendix J)
- Feedback of power consumption and operating hours
- Suitable for buildings according to EPBD/BREEAM/LEED

Dimming Functions

DALI-2

Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6977770437920	OTi DX 25/220-240/700 NFC	7 ~ 27	180 ~ 700	15 ~ 54	88%	103 x 67 x 29.5
6977770437944	OTi DX 35/220-240/1A0 NFC	14 ~ 35	350 ~ 1050	15 ~ 54	90%	103 x 67 x 29.5
6977770437968	OTi DX 50/220-240/1A4 NFC	55	600 ~ 1400	15 ~ 54	91%	110 x 75 x 25

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

More Technical Data













## Advantages



- Line frequency: 0 Hz | 50 Hz | 60 Hz
  - Versatile DALI window driver up to 50 W due to flexible output characteristic
  - Supply voltage: 220 ~ 240 V
  - Available with output current range: up to 1,400 mA
  - Constant Lumen Output (CLO)
  - Integrated customizable thermal management (Driver Guard)
  - Fully programmable via software (DALI Interface, NFC)
  - Advanced luminaire/driver data (power, energy, operating hours...) for analytics
  - DALI-2 certified incl. Parts 251, 252, 253
  - High-quality dimming of 1 ~ 100 % by amplitude dimming
  - Higher quality of light thanks to 3% output ripple current
  - Very high efficiency
- Very low standby power consumption: 0.15 W \*
  - Fulfill safety requirement due to overload, overtemperature,
  - Hot Plug protection
- ## Dimming Functions

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DALI-2
- ## Safety Certifications

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## Dimming Functions

DALI-2

## Safety Certifications








EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6937186106582	OTi DALI 25/220-240/700 NFC L	2 ~ 28	100 ~ 700	15 ~ 54	90%	280 x 30 x 21
6937186106605	OTi DALI 35/220-240/1A0 NFC L	4 ~ 37	200 ~ 1050	15 ~ 54	91%	281 x 30 x 21
6977078993401	OTi DALI 50/220-240/1A4 NFC L	12 ~ 54	400 ~ 1400	15 ~ 54	91%	282 x 30 x 21
6937186106629	OTi DALI 80/220-240/2A1 NFC L	32 ~ 80	600 ~ 2100	20 ~ 54	91%	360 x 30 x 21
Lack of new code	OTi DALI 100/220-240/750 D NFC L	5.4 ~ 100	100 ~ 750	54 ~ 260	94%	283 x 30 x 21

Please note: Until the end of March 2026, deliveries may still include products under the OSRAM brand. Same products, same quality, different logo.

## More Technical Data



## Product Features

- Supply voltage: 220 ~ 240 V
  - Line frequency: 0 Hz | 50 Hz | 60 Hz
  - Line voltage: 198 ~ 264 V
  - According to EN 61347-1, 61347-2-13, 62384
  - RI suppression: to EN 55015/CISPR 15
  - Immunity according to EN 61547
  - Lifetime: up to 100,000 h
  - Type of protection: IP20
  - Versatile DALI window driver due to flexible output
  - Locking and unlocking of luminaire/driver data
  - Advanced luminaire/driver data (power, energy, operating hours...) for analytics
  - DALI-2 certified incl. Parts 251, 252, 253
  - Easy and fast output current setting via NFC Very high efficiency
  - High-quality dimming of 1 ~ 100 % by amplitude dimming
- Suitable for emergency Installations (acc. to EN 60598-2-22 and IEC 61347-2-13, appendix J) thanks to DC detection (0 Hz, pulsating DC), on/off switchable
  - Feedback of power consumption and operating hours
  - Suitable for buildings according to EPBD/BREEAM/LEED due to automatic Constant Lumen Output setting
- ## Dimming Functions
- 
- DALI-2
- ## Safety Certifications
- 
- 





## Dimming Functions

DALI-2

## Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
4062172250269	OTi DALI 10/220-240/700 NFC	1.5 ~ 10	150 ~ 700	2.5 ~ 45	82%	124 x 31 x 21
6937186107749	OTi DALI 15/220-240/1A0 NFC	3 ~ 18	150 ~ 1050	7.5 ~ 54	88%	95 x 53 x 30
6937186103741	OTi DALI 25/220-240/700 NFC	7 ~ 27	180 ~ 700	15 ~ 54	88%	103 x 67 x 29.5
6977770437821	OTi DALI 35/220-240/1A0 NFC	14 ~ 35	350 ~ 1050	15 ~ 54	90%	104 x 67 x 29.5
6977770437906	OTi DALI 50/220-240/1A4 NFC	55	600 ~ 1400	15 ~ 54	91%	110 x 75 x 25

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## More Technical Data







Advatanges

- DALI-2 certified
- 2 independent channels
- Lamp Failure detection
- CLASS II independent housing
- Smart Power Supply
- SELV, Vout: 24,2 V
- ta range -20 ~ +50°C
- Very low min dimming level: 1%
- Mains voltage: 220 ~ 240 Vac
- 50'000 h lifetime at max tc
- 5 years guarantee
- IP20 independent housing
- Touch-DIM and corridor compatibility
- Overload/Over temperature and Short circuit protection
- Dimmable via DALI, 0-10V, Touch-Dim or corridor
- 24.2 V nominal output + 1.5 V adjustable
- CC mode for 18 ~ 24 V output option

EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6937186142214	IT D0 36/220-240/24 C UNV1	36	not relevant	24	85%	240 x 60 x 25
6937186142238	IT D0 75/220-240/24 C UNV1	75	not relevant	24	88%	275 x 60 x 25
6937186142252	IT D0 150/220-240/24 C UNV1	150	not relevant	24	90%	320 x 60 x 30
6937186142276	IT D0 200/220-240/24 C UNV1	200	not relevant	24	92%	320 x 60 x 30
6937186142290	IT D0 36/220-240/24/2C C TW UNV1	36	not relevant	24	85%	240 x 60 x 25
6937186142313	IT D0 75/220-240/24/2C C TW UNV1	75	not relevant	24	88%	275 x 60 x 25
6937186142337	IT D0 150/220-240/24/2C C TW UNV1	150	not relevant	24	90%	320 x 60 x 30
6937186142351	IT D0 200/220-240/24/2C C TW UNV1	200	not relevant	24	92%	320 x 60 x 30

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Advantages

- Dimmable via Touch DIM
- Dimming range: 0.1 ~ 100 %
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- IP rating: IP20
- Suitable for use in luminaires of protection class I and II
- Intelligent power matching thanks to Smart power supply
- 50 m load cable with EMI validated
- Form factor for mounting on the cove or in luminaires
- No stroboscopic effect thanks to patented high PWM frequency management (> 2 kHz)
- Suitable for installation in emergency lighting systems according to EN 60598-2-22
- DALI message detection ""LED Module failure""
- DALI part 251-252-253

About OTi DALI 48V 1CH

Constant voltage indoor dimmable LED drivers, independent housing for installation freedom on any surfaces, Allows to dim 48V constant voltage LED modules via DALI.

Dimming Functions

DALI-2

Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6977770432499	OTi DALI 160/220-240/48 1CH	0 ~ 160	not relevant	48.2	95%	33.5 x 26.8 x 16.7

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Advantages

- 50, 80, 160 W / 24 V LED drivers, multichannel output
- Lighting wireless Bluetooth Mesh network
- Different light profiles to customize the application
- Power supply and control of white, Tunable White, Tunable Warm White, Dim to Warm
- Power supply and control of RGB and RGBW LED modules (only 50 W and 80 w)
- Driver with integrated CASAMBI lighting control system
- Slim form factor for installation in light boxes
- No stroboscopic effect thanks to patented high PWM frequency management (> 2 kHz).

About OT Wi 24V CA

Optotronic Wireless Intelligent Constant Volgate drivers with CASAMBI control, up to 4 output channel for diffenernt LED module control (White, monochrome, TW, RGBW). Inndependent housing for installation freedom on any surfaces.

Dimming Functions

Bluetooth Casambi

Safety Certifications



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6937186115195	OT WI 50/220-240/24 4CH CA	50	Not relevant	24.2	92%	346 x 32 x 22
6937186115171	OT WI 80/220-240/24 4CH CA	80	Not relevant	24.2	93%	346 x 32 x 22
6937186115218	OT WI 160/220-240/24 2CH CA	160	Not relevant	24.2	93%	300 x 50 x 32

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More Technical Data



Advantages

- Power Level: 20W, 25W, 30W, 40W, 85W
- Current Range: extended output current range
- Surge: 2 / 4 kV
- IP Rating: IP20
- Dimming: 1% dimming capability with Dim to Off | 0...10V
- PWM dimming
- 1% dimming capability with Dim to Off
- Programming via Inventronics PC programmer / Tuner4TRONIC
- Very low ripple for high lighting quality
- 12V Aux included
- Long lasting and high reliability
- UL Class 2

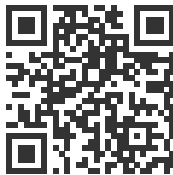
Dimming Functions

0 ~ 10V / PWM

Safety Certifications



More Technical Data







Advantages

- Supply voltage: 220 ~ 240 V
- Fixed output (no dimming)
- Line frequency: 50 Hz | 60 Hz
- Line voltage: 198 ~ 264 V
- According to EN 61347-1, 61347-2-13, 62384
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547 SELV
- Versatile scope of application due to output power range of up to 42 W
- Higher quality of light thanks to 5% output ripple current
- High efficiency
- High compatibility with COBs and discrete LEDS

Dimming Functions

N/A

Safety Certifications



More Technical Data



EAN	Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
6977770430396	ELEMENT 6/220-240/150	3.6 ~ 6.3	150	24 ~ 42	80%	90 x 43 x 22
6977770430419	ELEMENT 8/220-240/200	4.8 ~ 8.4	200	24 ~ 42	82%	90 x 43 x 22
6977770430433	ELEMENT 10/220-240/250	6 ~ 10.5	250	24 ~ 42	84%	90 x 43 x 22
6977770430211	ELEMENT 12/220-240/300	7.2 ~ 12.6	300	24 ~ 42	85%	90 x 43 x 22
6977770430235	ELEMENT 15/220-240/350	8.4 ~ 14.7	350	24 ~ 42	85%	90 x 43 x 22
6977770430259	ELEMENT 20/220-240/500	10.5 ~ 20	500	21 ~ 40	87%	103 x 43 x 29
6977770430273	ELEMENT 25/220-240/600	12.6 ~ 24	600	21 ~ 40	87%	103 x 43 x 29
6977770430297	ELEMENT 30/220-240/700	14.7 ~ 28	700	21 ~ 40	88%	103 x 43 x 29
6977770430310	ELEMENT 33/220-240/800	16.8 ~ 32	800	21 ~ 40	88%	103 x 43 x 29
6977770430334	ELEMENT 35/220-240/900	18.9 ~ 36	900	21 ~ 40	89%	103 x 43 x 29
6977770430358	ELEMENT 38/220-240/950	20 ~ 38	950	21 ~ 40	89%	103 x 43 x 29
6977770430372	ELEMENT 42/220-240/1050	22 ~ 42	1050	21 ~ 40	89%	103 x 43 x 29

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Advantages

- Dip switch for 4 output currents per model
- High light quality thanks to low ripple
- PF>0.95, Low THD<10% @ full load
- Excellent price/quality/watt ratio
- Suitable for Class I luminaires

Dimming Functions

N/A

Safety Certifications



Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
EM FIT 18/220-240/0A35/N CS L	18	200/250/300/350	24 ~ 54	87%	168 x 30 x 21
EM FIT 40/220-240/0A35/N CS L	40	200/250/300/350	40 ~ 120	90%	168 x 30 x 21
EM FIT 60/220-240/0A35/N CS L	60	200/250/300/350	90 ~ 175	90%	168 x 30 x 21
EM FIT 75/220-240/0A55/N CS L	75	350/400/500/550	90 ~ 216	91%	210 x 30 x 21
EM FIT 18/220-240/0A35 CS L	18	200/250/300/350	27 ~ 51	87%	168 x 30 x 21
EM FIT 40/220-240/0A8 CS L	40	500/600/700/800	27 ~ 51	90%	168 x 30 x 21
EM FIT 60/220-240/1A2 CS L	60	900/1050/1100/1200	27 ~ 51	90%	210 x 30 x 21
EM FIT 75/220-240/1A6 CS L	75	1300/1400/1500/1600	27 ~ 51	91%	280 x 30 x 21



Product Family Features

- Dip switch for 4 output currents per model
- High light quality thanks to low ripple
- PF>0.95, Low THD<10% @ full load
- Excellent price/quality/watt ratio
- CCT selection
- Suitable for Class I luminaires

Dimming Functions

N/A

Safety Certifications



Product Name	Nominal output power (W)	Nominal Output Current (mA)	Output Voltage (Vdc)	Efficiency (max.)	Dimensions (L×W×H)(mm)
EM FIT 18/220-240/0A35/N CS L CCT	18	350	24 - 54	87%	168 x 30 x 21
EM FIT 40/220-240/0A35/N CS L CCT	40	350	40 - 120	90%	168 x 30 x 21
EM FIT 60/220-240/0A35/N CS L CCT	60	350	90 - 175	90%	168 x 30 x 21
EM FIT 75/220-240/0A55/N CS L CCT	75	550	90 - 216	91%	210 x 30 x 21





Advantages

- Module efficacy: up to 173 lm/W
- Available with luminous flux: 245 lm on 62 mm, 275 lm on 70 mm
- Available with luminous flux: 1,100 lm or 2,000 lm on 280 mm
- Available with luminous flux: 2,200 lm or 4,000 lm on 560 mm
- Color rendering index: 90
- High initial color consistency:  $\leq 3$  SDCM
- Average lifetime (L80 B50): 70,000 h (temperature at  $T_c = 50^\circ\text{C}$ )
- CE marked, ENEC certified; UL listed
- Slim luminaire design by small and flexible form factor
- High homogeneity thanks to small LED pitch
- High voltage (HV) optimized for non-isolated, low voltage (LV) optimized for SELV operation
- Adjustable luminous flux, efficacy and lifetime
- Direct the light where it's needed while using PrevaLED
- Linear Optics

Safety Certifications



More Technical Data



Advantages

- Color consistency 2 SDCM
- TM30 compliant
- High flux output up to 1500 lm
- Beam angle: 15°, 24°, 40°
- Type of protection: IP20
- Compatible with conventional MR16 lamps
- Precise optical control and free from multi-shadow issue
- Replaceable front cover to maximize optics flexibility and future extension
- Dual mode options in High-Output (HO) and High-Efficacy (HE)

Safety Certifications



More Technical Data







## Advantages

- Qualified Bluetooth mesh wireless control
- Dimming range: 1 ~ 100 %
- Designed for wall and ceiling luminaires with diffuse light distribution
- Low-cost LED replacement of CFL wall-, and ceiling luminaires
- Driver integrated on LED board
- Lifetime (L70/B50): 50,000 h
- LED module is reinforced isolated to mounting surface
- Photobiological safety according to IEC/TR 62778, risk group RG1
- Touch protection accessory for simple use in luminaires
- High reliability
- Easy to use
- Optimised design for simple thermal management
- Enables thin and efficient luminaire designs
- High quality of light thanks to low modulation
- 5 year guarantee

## Safety Certifications



## More Technical Data



# NOTES

## Notes