

## SCHEDA DELLA FAMIGLIA DI PRODOTTO

### BoxLED Side Plus

Moduli LED per insegne luminose e retroilluminazione



#### AREE APPLICATIVE

- Insegne luminose e illuminazione pubblicitaria
- Funzionamento continuativo in esterni in insegne luminose a cassonetto

#### VANTAGGI PRODOTTO

- I moduli sono compatibili con il profilo di montaggio BoxLED
- Illuminazione uniforme grazie alle lenti ellittiche ottimizzate
- Diverse opzioni per un montaggio rapido e facile: bulloni o inserimento a scatto
- Eccellente efficienza del modulo
- Durata molto lunga

#### CARATTERISTICHE PRODOTTO

- Catena luminosa di 32 moduli LED lineari
- Collegato con cavi flessibili
- Lunghezza massima di una catena: 9,60 m
- Classe di protezione (moduli): IP66
- Speciale incapsulamento robusto
- Dissipatore termico integrato

---

## APPARECCHIATURA / ACCESSORI

- Diversi tipi di alimentatori OPTOTRONIC 24 V disponibili

---

## CONSIGLI DI APPLICAZIONE

Per informazioni più dettagliate e grafici consultare la scheda tecnica

---

## TESTO DELLE SPECIFICHE

- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Please see the relevant application guides and instructions sheets for more detailed safety and mounting information. Additional information is available on request.
- Complies with IEC/EN 61547
- Complies with IEC/EN 61000-3-2
- Complies with EN 55015, CISPR 15
- Complies with IEC/EN 61347-1
- Complies with IEC/EN 61347-2-13
- LED modules are dimmable by means of PWM (pulse width modulation). It is recommended using the following OSRAM control gears: OPTOTRONIC OT DIM, OT DALI DIM or OPTOTRONIC 24 V power supplies with integrated 1...10 V dimming interface.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED modules is strongly discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload and damage the LED module.
- Electrical contact is achieved with the contact cables or the terminals of the module. Please refer to the technical data for maximum number of LED modules that can be operated on one control gear.
- In order to operate OSRAM LED modules safely, it is absolutely necessary to operate them with an electronically stabilized power supply that protects against short circuits, overload and overheating.
- In case other power supplies than OSRAM OPTOTRONIC are used, compliance to the necessary operating parameters (voltage, current, power) has to be ensured.
- Pay attention to polarity! Wrong polarity can cause destruction or malfunction of the module.
- Conducting paths on the circuit board must not be damaged or destroyed during installation.
- The LED module itself and all its components must not be stressed mechanically.
- Operation in or under water is prohibited.
- To avoid mechanical damage, the LED modules have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.
- In case that the LED module is equipped with a pre-mounted double-sided adhesive tape, OSRAM assumes no liability and provides no guarantee for a permanent adherence of the modules to the surface. OSRAM recommends fixation of the modules by means of suitable screws.
- Complies with IEC 61347-1 cl. 18.3, cl. 18.4, IEC 60695-2-10, IEC 60695-11-5, IEC 60695-11-10 (classification V-0)
- To ensure uniform illumination, a reflective matt white surface is generally recommended for all internal frame walls and back panels of light boxes.

---

## SUPPORTO TECNICO E DI VENDITA

Supporto tecnico e di vendita [www.ledvance.it](http://www.ledvance.it)

---

## CLAUSOLA

Con riserva di modifiche senza preavviso. Salvo errori o omissioni. Assicurarsi sempre di utilizzare la versione più recente.