

# Datablad produktfamilj

## SubstiTUBE Universal Advanced

LED tubes for electronic and electromagnetic control gears



- General illumination within ambient temperatures from -20...+50 °C Supermarkets and department stores Industry Offices, public buildings

- Also suitable for operation at low temperatures Excellent luminous flux Easy installation
- Product features T8 LED tube made of glass with G13 base Mercury-free and RoHS compliant Type of protection: IP20 Lifetime: up to 60,000 h Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage Product benefits Also suitable for operation at low temperatures Excellent luminous flux Easy installation Areas of application General illumination within ambient temperatures from -20...+50 °C Supermarkets and department stores Industry Offices, public buildings Legal advice When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. Safety advice Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. References / Links For current information see [www.ledvance.com/substitube](http://www.ledvance.com/substitube)

## Datablad produktfamilj

---

### Appliktionsråd

För mer detaljerad applikationsinformation och grafik, vänligen se produktdatablad

---

### Referenser / Länkar

For current information see

▶ [www.osram.se/substitute](http://www.osram.se/substitute)

---

### Friskrivningsklausul

Kan ändras utan föregående notifiering. Felaktigheter och försummelse undantagna. Se alltid till att använda den senaste utgåvan.

OSRAM is distribution partner  
of LEDVANCE of LAMPS

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany