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OSRAM LEDTUBE T8 30 EM 900 10 W 865

OSRAM LED T8 Tube Light Instruction Manual

Model: LEDTUBE T8 30 EM 900 10 W 865 (4099854038730)

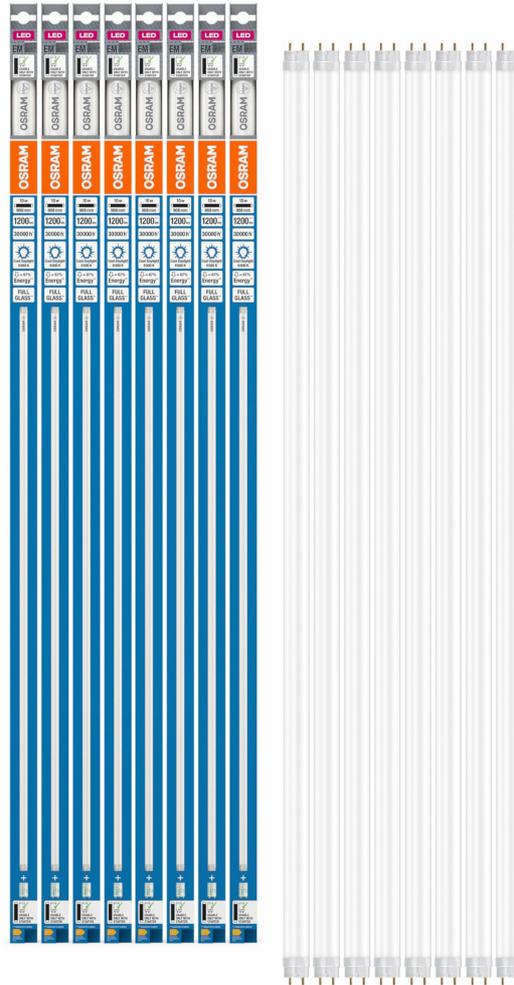
Brand: OSRAM

1. PRODUCT OVERVIEW

The OSRAM LED T8 Tube Light is an energy-efficient and long-lasting replacement for conventional T8 fluorescent lamps. Designed for electromagnetic ballasts (KVG), this LED tube provides high-quality, daylight white illumination with significant energy savings.

Key Features:

- **Efficient Illumination:** Provides high color homogeneity and daylight white light (6500K).
- **Energy Saving:** Up to 69% less energy consumption compared to traditional T8 fluorescent lamps.
- **Long Lifespan:** Designed for a long operational life of up to 30,000 hours.
- **Instant Start:** Flicker-free immediate illumination.
- **Environmentally Compliant:** RoHS compliant, free from hazardous substances like mercury, lead, cadmium, and chromium IV.
- **Versatile Application:** Suitable for general lighting in various indoor environments.



An image showing the OSRAM LED T8 tube light, highlighting its tubular shape and G13 base, ready for installation.

2. SETUP AND INSTALLATION

This LED tube is designed as a direct replacement for conventional T8 fluorescent tubes operating with electromagnetic ballasts (KVG) and a starter. Professional installation is recommended.

Safety Precautions:

- **WARNING:** Always turn off the main power supply at the circuit breaker before attempting any installation or maintenance.
- Ensure the power is completely disconnected and cannot be accidentally reconnected.
- Do not use with electronic ballasts (EVG). This tube is specifically for electromagnetic ballasts (KVG).
- The product has an IP20 protection class, suitable for indoor use. For outdoor applications, it must be installed in appropriate, enclosed outdoor luminaires.

Installation Steps:

1. **Turn Off Power:** Ensure the power supply to the luminaire is completely switched off.
2. **Remove Old Tube:** Carefully rotate and remove the existing T8 fluorescent tube from the luminaire.
3. **Replace Starter:** If your luminaire uses a starter, replace the old starter with the LED starter provided (if applicable, or ensure compatibility with the existing starter for LED tubes).
4. **Install LED Tube:** Insert the OSRAM LED T8 tube into the luminaire's G13 lamp holders. Rotate it until it clicks securely into place.
5. **Restore Power:** Turn the main power supply back on.
6. **Test:** Switch on the light to confirm proper operation.

3. OPERATING INSTRUCTIONS

Once correctly installed, the OSRAM LED T8 Tube Light operates like a standard light fixture. Simply use the existing wall switch or luminaire control to turn the light on and off.

- The LED tube provides instant, flicker-free illumination upon switching on.
- No warm-up time is required.
- Frequent switching on and off does not negatively impact the lifespan of the LED tube.

4. MAINTENANCE

The OSRAM LED T8 Tube Light requires minimal maintenance due to its long lifespan and durable construction.

Cleaning:

- Before cleaning, always ensure the power supply to the luminaire is switched off and the tube has cooled down.
- Wipe the surface of the LED tube with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the tube's surface.

General Care:

- The LED tube contains no user-serviceable parts. Do not attempt to open or modify the tube.
- Ensure the operating environment remains within the specified temperature range (-20°C to +45°C).

5. TROUBLESHOOTING

If you encounter issues with your OSRAM LED T8 Tube Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on	No power supply Incorrect installation Incompatible ballast/starter	Check power at the circuit breaker. Ensure tube is securely seated in lamp holders. Verify luminaire has an electromagnetic ballast (KVG) and compatible starter.
Light flickers	Loose connection Ballast issue Incompatible starter	Re-seat the tube firmly. Ensure the starter is correctly installed and compatible. Consult a qualified electrician if the issue persists.
Reduced brightness	Dust accumulation Aging tube (unlikely for new product)	Clean the tube surface as per maintenance instructions. If the tube is old, consider replacement.

If these steps do not resolve the issue, please contact OSRAM customer support or a qualified electrician.

6. SPECIFICATIONS

Detailed technical specifications for the OSRAM LED T8 Tube Light:

- **Model Name:** LEDTUBE T8 30 EM 900 10 W 865
- **Model Number:** 4099854038730
- **Dimensions (L x W x H):** 90.8 x 2.68 x 2.6 cm
- **Weight:** 143 Grams
- **Light Type:** LED
- **Power Consumption:** 10 Watts
- **Incandescent Equivalent:** 30 Watts
- **Bulb Shape Size:** T8
- **Bulb Base:** G13
- **Voltage:** 220-240 Volts AC
- **Frequency:** 50 Hertz
- **Light Color:** Daylight White
- **Color Temperature:** 6500 Kelvin
- **Luminous Flux:** 1200 Lumens
- **Luminous Efficacy:** 120 lm/W
- **Lifespan:** 30,000 Hours
- **Energy Label:** E
- **Material:** Lead-free Glass
- **Protection Class:** IP20
- **Operating Temperature:** -20°C to +45°C
- **Control Method:** Application (refers to general lighting control, not smart control)
- **Quantity (per lot):** 8 tubes

7. SAFETY INFORMATION

Please read and follow all safety instructions to prevent injury or damage.

- **Electrical Hazard:** Always disconnect power before installation, removal, or maintenance.
- **Compatibility:** Only use this LED tube with luminaires equipped with electromagnetic ballasts (KVG) and a compatible starter. Using it with electronic ballasts (EVG) may cause damage to the tube or luminaire and poses a safety risk.
- **Indoor Use:** This product is rated IP20 for indoor use. If used outdoors, it must be within a suitable, enclosed outdoor luminaire that provides adequate protection against moisture and dust.
- **Temperature:** Do not operate the tube outside the specified ambient temperature range of -20°C to +45°C.
- **Handling:** Handle the glass tube with care to avoid breakage.
- **Disposal:** Dispose of the product in accordance with local regulations for electronic waste. Do not dispose of with general household waste.
- **Modification:** Do not attempt to disassemble, modify, or repair the LED tube. This will void the warranty and may lead to safety hazards.

8. WARRANTY AND SUPPORT

OSRAM products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official OSRAM website or contact your local OSRAM distributor.

Please retain your proof of purchase for any warranty claims.