

Philips Xitanium 17 W LH 0.3 – 1 A 24 V TD/is 230 V

Philips Xitanium LED Driver User Manual

Model: Xitanium 17 W LH 0.3 – 1 A 24 V TD/is 230 V

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the Philips Xitanium 17 W LH 0.3 – 1 A 24 V TD/is 230 V LED Driver. This product is designed as an accessory for lighting systems, specifically to power LED light sources. Please read this manual thoroughly before installation and operation.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Installation and servicing must be performed by a qualified electrician in accordance with all applicable national and local electrical codes and regulations.

- Always disconnect power before installation, maintenance, or troubleshooting.
- Ensure the product is used within its specified voltage and current ratings.
- Do not expose the device to moisture or extreme temperatures.
- This product is intended for indoor use unless otherwise specified by Philips.
- Do not attempt to open or modify the device. There are no user-serviceable parts inside.

3. PRODUCT OVERVIEW



Figure 3.1: Philips Xitanium 17W LED Driver. This image displays the compact, rectangular white casing of the LED driver, featuring product labels with specifications and certifications such as "PHILIPS XITANIUM", "17W LED", "CE", and "Made in Poland". Connection terminals are visible at both ends.

The Philips Xitanium LED Driver is a high-performance electronic control gear designed to provide stable and efficient power to LED modules. It ensures optimal performance and longevity of your LED lighting system. This accessory is built with quality materials, including aluminium, ensuring durability.

4. SPECIFICATIONS

| Specification | Value |
|----------------------------|------------|
| Brand | Philips |
| Manufacturer | Philips |
| Number of Items | 1 |
| Material | Aluminium |
| Voltage | 230 Volts |
| Power and Plug Description | Electrical |
| Type of Bulb | LED |
| Luminous Flux | 17 watt |

| Specification | Value |
|-------------------------|-------------|
| Wattage | 17 watts |
| Incandescent Equivalent | 75 Watts |
| ASIN | B0176HO3AW |
| Date First Available | 2 Nov. 2015 |
| Country of origin | Poland |
| Light type | LED |
| Bulb shape size | ED28 |
| Bulb base | GU24 |

Note: Specifications are subject to change without notice. Refer to the product label for the most accurate information.

5. INSTALLATION AND SETUP

The Philips Xitanium LED Driver is an electrical component that requires proper installation.

- Power Disconnection:** Before beginning any installation, ensure that the main power supply to the circuit is disconnected at the circuit breaker or fuse box.
- Mounting:** Mount the LED driver in a suitable location that allows for adequate ventilation and is protected from moisture and excessive heat. Refer to local electrical codes for specific mounting requirements.
- Wiring:** Connect the input (AC) and output (DC) wires according to the wiring diagram provided on the product label or accompanying documentation. Ensure all connections are secure and properly insulated. Pay close attention to polarity for DC output.
- Load Connection:** Connect the LED module(s) to the output terminals of the driver. Verify that the total wattage and voltage requirements of the LED load do not exceed the driver's specifications.
- Power Restoration:** Once all connections are secure and verified, restore power to the circuit.

IMPORTANT: Incorrect wiring can cause damage to the driver, LED modules, or pose a fire hazard. If you are unsure about any step, consult a qualified electrician.

6. OPERATION

Once properly installed and connected to a compatible LED load and power supply, the Philips Xitanium LED Driver operates automatically. It converts the incoming AC voltage to the appropriate DC voltage and current required by the connected LED modules, ensuring stable and efficient illumination. No user interaction is typically required for its basic operation.

7. MAINTENANCE

The Philips Xitanium LED Driver is designed for long-term, maintenance-free operation.

- Cleaning:** If necessary, gently wipe the exterior of the driver with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- Inspection:** Periodically inspect the wiring and connections for any signs of damage or loosening. Ensure proper ventilation around the unit.

- **No User Serviceable Parts:** Do not attempt to open the casing or repair the driver. Refer any issues to qualified service personnel.

8. TROUBLESHOOTING

If the LED lighting system is not functioning as expected, consider the following basic troubleshooting steps:

- **No Light Output:**
 - Check if the power supply to the driver is active.
 - Verify all electrical connections are secure and correct (input and output).
 - Ensure the LED module(s) are properly connected and not faulty.
 - Confirm the driver's specifications match the LED load requirements.
- **Flickering or Unstable Light:**
 - Check for loose connections.
 - Ensure the input voltage is stable and within the driver's specified range.
 - Verify the LED load is compatible with the driver.
- **Overheating:**
 - Ensure adequate ventilation around the driver.
 - Verify the ambient temperature is within the operating limits.
 - Confirm the LED load does not exceed the driver's maximum output.

If issues persist after performing these checks, discontinue use and contact a qualified service professional or Philips customer support.

9. RECYCLING AND DISPOSAL

Proper disposal of electronic waste is important for environmental protection.

- **Light Bulb Recycling:** View recycling information for this and other types of lamps.
- **Light Bulb Breakage and Clean Up Information:** Learn more about how to clean up and dispose of broken or damaged lamps.

This product should not be disposed of with household waste. Please dispose of it at an authorized collection point for the recycling of electrical and electronic equipment. For more detailed information on recycling and disposal, please contact your local authorities or the retailer where the product was purchased.

10. WARRANTY AND SUPPORT

For information regarding the warranty terms and conditions for your Philips Xitanium LED Driver, please refer to the warranty card included with your product or visit the official Philips lighting website.

For technical support, service, or further inquiries, please contact Philips customer support through their official channels.

[Visit the Philips Store on Amazon](#) for more products and information.

