

# T8 LED UV-A 18" 4.0W 230V TOUGHCOAT

Item No: 0001687

**SYLVANIA**

**SpeciaLITE**



Sylvania T8 LED UV-A tubes in 18" and 24" for flykilling applications• Easy and safe replacement for fluorescent tubes without any rewiring required• LED upgrade for installations with CCG/ magnetic fluorescent ballast using a LED replacement starter (supplied)• Suitable for direct mains operation• Approx. 75% energy saving vs fluorescent originals• Flycatch rate in line with Sylvania Fluo T8 after 180 mins\*• Special frosted glass tube does not block UV or degrade intransmission over life• Acid etched glass delivers optimal beam distribution to maximize insect attraction• Optimised UV spectrum to maximize insect attraction• UV-A LED chip with peak emission at 370nm

## Technical Assets

### Photometrics

#### General data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Product name                    | T8 LED UV-A 18" 4.0W 230V TOUGHCOAT |
| Technology                      | LED                                 |
| Lamp shape                      | Tube, double-ended                  |
| Cap/Base                        | G13                                 |
| Lamp finish                     | Frosted/Coated                      |
| Fixture rating                  | Open                                |
| General application             | SPG                                 |
| Virtual assistant compatibility | N/A                                 |
| Warranty                        | 2 years                             |

#### Optical data

|                            |                  |
|----------------------------|------------------|
| Light colour               | BL368 Blacklight |
| Photobiological Risk Group | RG0              |

#### Electrical data

|  |         |
|--|---------|
| Wattage (W)                              | 4.0     |
| Current (A)                              | 25      |
| Primary Supply/Product voltage - min (V) | 220     |
| Primary Supply/Product voltage - max (V) | 240     |
| Dimmable                                 | No      |
| Inrush Current (A)                       | 25      |
| Inrush Duration (µs)                     | 200     |
| Nominal Frequency (Hz)                   | 50/60Hz |

#### Physical data

|             |       |
|-------------|-------|
| Weight (kg) | 0.112 |
|-------------|-------|

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## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288016870  |
| Packaging single length / height (cm) | 49.2           |
| Packaging single width (cm)           | 3.5            |
| Packaging single depth (cm)           | 3.5            |
| DUN14 (inner)                         | 15410288016877 |
| Units per outer package               | 25             |
| Packaging outer length / height (cm)  | 51.4           |
| Packaging outer width (cm)            | 18.5           |
| Packaging outer depth (cm)            | 18.5           |

## Safety data

|                                     |     |
|-------------------------------------|-----|
| Special purpose lamp                | Yes |
| Suitable for household illumination | No  |



## EC Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer Sylvania:  
The designated product(s) is (are) in conformity with the provisions of the following European Directives:

|                                      |   |
|--------------------------------------|---|
| <b>2014/35/EU</b><br>and amendments  | <b>Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.</b> |
| <b>2011/65/EU</b><br>and amendments  | <b>Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment</b>  |
| <b>2009/125/EC</b><br>and amendments | <b>Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements</b>  |
| <b>2014/30/EU</b><br>and amendments  | <b>Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility</b>  |

**1. Product(s):** *LED lamps*

**Brand:** *Sylvania*

**Type Designation:** *(see enclosed list)*

### **2. Applicable standards**

*EN 62776 (2015), Double-capped LED lamps for general lighting services - Safety specifications*  
*EN 62471 (2008), Photobiological safety of lamps and lamp systems*  
*EN 62493 (2015) + A1 (2022), Assessment of lighting equipment related to human exposure to electromagnetic fields*  
*EN IEC 55015 (2019) + A11 (2020), limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment*  
*EN IEC 61000-3-2 (2019) + A1 (2021)*  
*, Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limitation for harmonic current emissions (equipment input current up to and including 16A per phase)*  
*EN 61000-3-3 (2013) + A1 (2019) + A2 (2021), Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection*  
*EN 61547 (2023), Equipment for general lighting purposes - EMC immunity requirements*  
*EN 63000 (2018) Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

(number and date of issue)

- following the implementing **COMMISSION REGULATION (EU) 2019/2020 of 01 October 2019 and its amendment(s) laying down ecodesign requirements for light sources and separate control gears**

The CE mark was affixed in : 21  
Tienen, 17.10.2024

**Manufacturer or representative**

**Feilo Sylvania International Group Kft.**  
Duna Tower Bulding B 3<sup>th</sup> Floor, Népfürdő u 22.  
Budapest, 1138  
Hungary

*L. Derhaeg, Quality Manager*

Issue place and date

TIE-ECDoc-24-020TE VA



**Product Code**

|         |                                       |
|---------|---------------------------------------|
| 0001684 | TOLEDO T8 UV-A V2 18" 4.0W 230V PA    |
| 0001687 | TOLEDO T8 UV-A V2 18" 4.0W 230V PA TC |
| 0001685 | TOLEDO T8 UV-A V2 24" 4.0W 230V PA    |
| 0001688 | TOLEDO T8 UV-A V2 24" 4.0W 230V PA TC |
| 0001686 | TOLEDO T8 UV-A V2 24" 6.5W 230V PA    |
| 0001689 | TOLEDO T8 UV-A V2 24" 6.5W 230V PA TC |

*Tienen, 17.10.2024*  
Issue place and date

*L. Derhaeg, Quality Manager*

TIE-ECDoc-24-020TE VA



## UK Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer Sylvania.  
The designated product(s) is (are) in conformity with the provisions of the following UK legislation :

**UK SI 2016 No. 1101 The Electrical Equipment (Safety) Regulations 2016**

**UK SI 2016 No. 1091 The Electromagnetic Compatibility Regulations 2016**

**UK SI 2010 No. 2617 The Ecodesign for Energy-Related Products Regulations 2010**

**UK SI 2021 No. 1095 The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021**

**UK SI 2012 No. 3032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012**

**1. Product(s):** **LED lamps**

**Brand:** **Sylvania**

**Type Designation:** **(See enclosed list)**

### **2. Applicable standards**

*BS EN 62776 (2015), Double-capped LED lamps for general lighting services - Safety specifications*

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*BS EN 55015 (2019) + A11 (2020), limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment*

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*BS EN 61547 (2023), Equipment for general lighting purposes - EMC immunity requirements*

*BS EN 63000 (2018) Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

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(number and date of issue)

The CE mark was affixed in : 24

Tienen, 17.10.2024

Issue place and date

**Manufacturer or representative**

Feilo Sylvania Europe Limited  
Avis Way, Newhaven  
East Sussex, BN9 OED  
UK

L. Derhaeg, Quality Manager



**Product Code**

|         |                                       |
|---------|---------------------------------------|
| 0001684 | TOLEDO T8 UV-A V2 18" 4.0W 230V PA    |
| 0001687 | TOLEDO T8 UV-A V2 18" 4.0W 230V PA TC |
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| 0001689 | TOLEDO T8 UV-A V2 24" 6.5W 230V PA TC |

Tienen, 17.10.2024  
Issue place and date

L. Derhaeg, Quality Manager

TIE-UK DoC-24-021 VA TE

**SYLVANIA**



# Exceptional insect attraction

## **Special**LITE T8 LED UV-A

High performing LED lamps developed for new fly traps with series lamp operation. Sylvania's T8 LED UV-A lamps feature an optimised UV spectrum and frosted glass tube. This enables outstanding results for the lifetime of the product.

Digital | Lighting | Solutions

# SpecialITE T8 LED UV-A



Airborne insects such as the common house fly, wasps and midges can each carry up to 4 million bacteria. These insects can contaminate any surface they land on, making them an unacceptable presence in areas of hygiene.

Sylvania is a leader in the insect-trapping and UV-A lighting solutions market. We offer an extensive range of coated and non-coated lamps that attract insects. They can then be either destroyed or decontaminated in a humane fashion.

We have improved our T8 LED UV-A range to work in series operation, whilst meeting the same flycatch performance as Sylvania's fluorescent lamps. Its special frosted glass does not block UV or degrade transmission over its life.

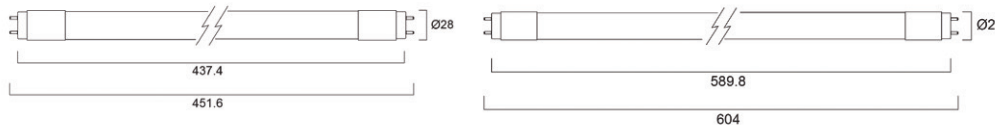
## Features

- Sylvania T8 LED UV-A tubes in 18" and 24" for flykilling applications
- Easy and safe replacement for fluorescent tubes without any rewiring required
- LED upgrade for installations with CCG/ magnetic fluorescent ballasts using a LED replacement starter (supplied)
- Suitable for direct mains operation
- Approx. 75% energy saving vs fluorescent originals
- Flycatch rate inline with Sylvania Fluo T8 after 180 mins\*
- Special frosted glass tube does not block UV or degrade in transmission over life
- Acid etched glass delivers optimal beam distribution to maximise insect attraction
- Optimised UV spectrum to maximise insect attraction
- UV-A LED chip with peak emission at 370nm

## Product information

| Code               | Description                     | Diameter (mm) | Total Length (mm) | Wattage (W) | Voltage (V) | Lamp Current (mA) | Beam angle (°) | Spectral peak (nm) | UV-A intensity (mW/m <sup>2</sup> ) (Distance =1M) | Life (h) |
|--------------------|---------------------------------|---------------|-------------------|-------------|-------------|-------------------|----------------|--------------------|--|----------|
| <b>Non-Coated</b>  |                                 |               |                   |             |             |                   |                |                    |  |          |
| 0001684            | T8 LED UV-A 18" 4.0W 230V PA    | 28            | 451               | 4.0         | 220-240     | 25                | 180            | 370                | 210  | 20,000   |
| 0001685            | T8 LED UV-A 24" 4.0W 230V PA    | 28            | 604               | 4.0         | 220-240     | 25                | 180            | 370                | 275  | 20,000   |
| 0001686            | T8 LED UV-A 24" 6.5W 230V PA    | 28            | 604               | 6.5         | 220-240     | 40                | 180            | 370                | 400  | 20,000   |
| <b>Toughcoated</b> |                                 |               |                   |             |             |                   |                |                    |  |          |
| 0001687            | T8 LED UV-A 18" 4.0W 230V PA TC | 28            | 451               | 4.0         | 220-240     | 25                | 180            | 370                | 170  | 20,000   |
| 0001688            | T8 LED UV-A 24" 4.0W 230V PA TC | 28            | 604               | 4.0         | 220-240     | 25                | 180            | 370                | 235  | 20,000   |
| 0001689            | T8 LED UV-A 24" 6.5W 230V PA TC | 28            | 604               | 6.5         | 220-240     | 40                | 180            | 370                | 340  | 20,000   |

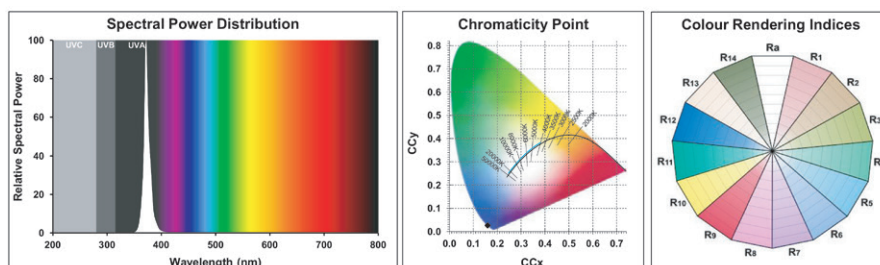
## Dimensions (mm)



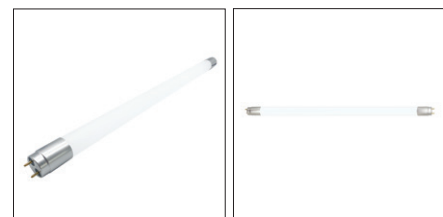
T8 LED UV-A

T8 LED UV-A

## Photometric Data



## Additional Images



\*Test undertaken by an independent test house March 24



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Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.  
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