



Specifications Osram LED Tube T8 SubstiTUBE  
Advanced (EM/Mains) Ultra Output 23.1W 3330lm -  
830 Warm White | 150cm - Replaces 58W

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## General Information

|                             |                                     |
|-----------------------------|-------------------------------------|
| SKU                         | 238990                              |
| EAN                         | 4058075454682                       |
| Brand                       | Osram                               |
| Manufacturer Name           | ST8AU-1.5M 23,1W/830 220-240VEMFLH1 |
| Full box quantity           | 10                                  |
| Any Lamp all-in warranty    | 5 Years                             |
| Energy efficiency class old | A++                                 |
| Average Lifetime (h)        | 50000                               |

## Technical Information

|                             |                 |
|-----------------------------|-----------------|
| Technology                  | LED             |
| Dimmable                    | Not Dimmable    |
| Cap / Base                  | G13             |
| Rotatable                   | No              |
| Colour Code                 | 830 Warm White  |
| Colour temperature (Kelvin) | 3000 Warm White |
| Colour Rendering (Ra)       | 80-89           |
| Colour of Light             | White           |
| Light colour options        | Single Color    |
| Luminous Efficacy (lm/W)    | 138.8           |

|                       |             |
|-----------------------|-------------|
| Product Type Category | LED Tube T8 |
|-----------------------|-------------|

|                |           |
|----------------|-----------|
| Type of sensor | No Sensor |
|----------------|-----------|

## Lamp Information

|                      |     |
|----------------------|-----|
| LED Starter included | Yes |
|----------------------|-----|

|                  |    |
|------------------|----|
| Requires Ballast | No |
|------------------|----|

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Ballast for LED Tubes | Conventional – there is a starter, Mains – Directly connected to 230V |
|-----------------------|-----------------------------------------------------------------------|

|                 |              |
|-----------------|--------------|
| LED Tube Output | Ultra Output |
|-----------------|--------------|

|         |       |
|---------|-------|
| Housing | Glass |
|---------|-------|

|        |            |
|--------|------------|
| Series | Substitute |
|--------|------------|

## Dimensions

|        |       |
|--------|-------|
| Length | 150cm |
|--------|-------|

|             |      |
|-------------|------|
| Length (mm) | 1500 |
|-------------|------|

|               |    |
|---------------|----|
| Diameter (mm) | 28 |
|---------------|----|

## Why Any-lamp?



Order from the **largest lighting specialist** in Europe



**Customised** quotation



Up to **7 years warranty**



**Easy** return process

