



Specifications Osram LED Tube T8 SubstiTUBE  
Advanced (EM/Mains) Standard Output 11.3W  
1700lm - 840 Cool White | 90cm - Replaces 30W

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## General Information

|                             |                                     |
|-----------------------------|-------------------------------------|
| SKU                         | 230178                              |
| EAN                         | 4058075818095                       |
| Brand                       | Osram                               |
| Manufacturer Name           | ST8A-0.9M 11,3W/840 220-240V EMFLH1 |
| Full box quantity           | 10                                  |
| Any Lamp all-in warranty    | 5 Years                             |
| Energy efficiency class old | A++                                 |
| Average Lifetime (h)        | 50000                               |

## Technical Information

|                             |                 |
|-----------------------------|-----------------|
| Technology                  | LED             |
| Replaces (Watt)             | 30              |
| Wattage                     | 11.3            |
| Dimmable                    | Not Dimmable    |
| Cap / Base                  | G13             |
| Rotatable                   | No              |
| Colour Code                 | 840 Cool White  |
| Colour temperature (Kelvin) | 4000 Cool White |
| Colour Rendering (Ra)       | 80-89           |
| Colour of Light             | White           |

|                      |              |
|----------------------|--------------|
| Light colour options | Single Color |
|----------------------|--------------|

|                       |      |
|-----------------------|------|
| Luminous Flux (Lumen) | 1700 |
|-----------------------|------|

|                          |       |
|--------------------------|-------|
| Luminous Efficacy (lm/W) | 150.4 |
|--------------------------|-------|

|                       |             |
|-----------------------|-------------|
| 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 | Standard Output |
|-----------------|-----------------|

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

## Dimensions

|        |      |
|--------|------|
| Length | 90cm |
|--------|------|

|             |     |
|-------------|-----|
| Length (mm) | 900 |
|-------------|-----|

|               |    |
|---------------|----|
| Diameter (mm) | 27 |
|---------------|----|

## Why Any-lamp?



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



**Customised** quotation



Up to **7 years warranty**



**Easy** return process

