

# SubstiTUBE® Pure

The energy saving LED solution with simple plug & play replacement

LP LL EM TUB | LP SM MK S TRA | February 2016



# Product Information Sheet

## SubstiTUBE Pure ST8P-EM 590mm



### Key Technical Data

|                         |  |
|-------------------------|--|
| Product                 | ST8P-0.6m-9W-840-EM<br>ST8P-0.6m-9W-865-EM |
| Luminous flux           | 700 lm                                     |
| System power            | 9 W  |
| Voltage                 | 230 V                                      |
| System Efficiency       | Up to 77 lm/W                              |
| CCT                     | 4000 K<br>6500 K                           |
| CRI                     | > 80                                       |
| Radiance angle          | 190°                                       |
| Power factor            | > 0,9                                      |
| Lifetime (L70/B50)      | 30 000 h                                   |
| Switching cycles        | 15 000                                     |
| Guarantee               | 3 years*                                   |
| Dimmable                | No   |
| Length in mm            | 590  |
| Socket                  | G13  |
| Energy Efficiency Class | A+   |
| Order code (EAN)        | 4052899378926<br>4052899378940             |
| Packaging unit          | 25   |

### Attractive entry into LED-upgrade of CCG fluorescent –installation

#### Product description:

- LED lamp in T8 shape with G13 socket
- For operation at magnetic ballast
- Extremely robust due to glass body
- Fully integrated ECG complies to relevant standards
- Overpower, overheat and short circuit protected
- High color homogeneity
- RoHS-conformity, no mercury

#### Key product features:

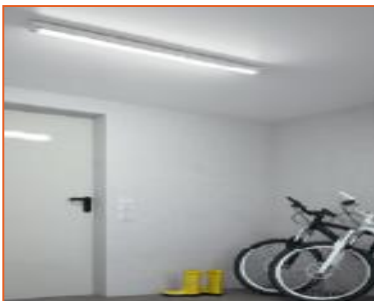
- Very efficient tube (up to 77 lm/W)
- Up to 64% energy savings compared to conventional 590mm T8 fluorescent tubes
- Instant 100% light without flickering
- 3 years OSRAM guarantee\*

#### Application:

- For price-optimized upgrading
- Corridors, stairways, parking garages
- Cooling and storage rooms
- Domestic applications
- Warehouses

# Product Information Sheet

## SubstiTUBE Pure ST8P-EM 1200mm



### Key Technical Data

|                         |  |
|-------------------------|--|
| Product                 | ST8P-1.2m-18W-840-EM<br>ST8P-1.2m-18W-865-EM |
| Luminous flux           | 1500 lm                                      |
| System power            | 18 W   |
| Voltage                 | 230 V  |
| System Efficiency       | Up to 83 lm/W                                |
| CCT                     | 4000 K<br>6500 K                             |
| CRI                     | > 80   |
| Radiance angle          | 190°   |
| Power factor            | > 0,9  |
| Lifetime (L70/B50)      | 30 000 h                                     |
| Switching cycles        | 15 000                                       |
| Guarantee               | 3 years*                                     |
| Dimmable                | No   |
| Length in mm            | 1200   |
| Socket                  | G13  |
| Energy Efficiency Class | A+   |
| Order code (EAN)        | 4052899371064<br>4052899371088               |
| Packaging unit          | 25   |

### Attractive entry into LED-upgrade of CCG fluorescent –installation

#### Product description:

- LED lamp in T8 shape with G13 socket
- For operation at magnetic ballast
- Extremely robust due to glass body
- Fully integrated ECG complies to relevant standards
- Overpower, overheat and short circuit protected
- High color homogeneity
- RoHS-conformity, no mercury

#### Key product features:

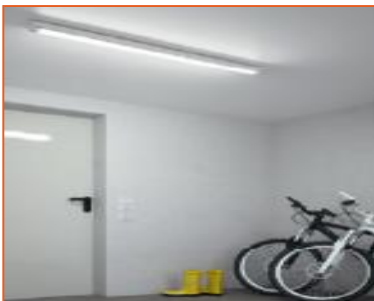
- Very efficient tube (up to 83 lm/W)
- Up to 59% energy savings compared to conventional 1200mm T8 fluorescent tubes
- Instant 100% light without flickering
- 3 years OSRAM guarantee\*

#### Application:

- For price-optimized upgrading
- Corridors, stairways, parking garages
- Cooling and storage rooms
- Domestic applications
- Warehouses

# Product Information Sheet

## SubstiTUBE Pure ST8P-EM 1500mm



### Key Technical Data

|                         |  |
|-------------------------|--|
| Product                 | ST8P-1.5m-21W-840-EM<br>ST8P-1.5m-21W-865-EM |
| Luminous flux           | 1800 lm                                      |
| System power            | 21 W   |
| Voltage                 | 230 V  |
| System Efficiency       | Up to 85 lm/W                                |
| CCT                     | 4000 K<br>6500 K                             |
| CRI                     | > 80   |
| Radiance angle          | 190°   |
| Power factor            | > 0,9  |
| Lifetime (L70/B50)      | 30 000 h                                     |
| Switching cycles        | 15 000                                       |
| Guarantee               | 3 years*                                     |
| Dimmable                | No   |
| Length in mm            | 1500   |
| Socket                  | G13  |
| Energy Efficiency Class | A+   |
| Order code (EAN)        | 4052899371101<br>4052899371125               |
| Packaging unit          | 25   |

### Attractive entry into LED-upgrade of CCG fluorescent –installation

#### Product description:

- Full-glass LED tube in T8 shape with G13 socket
- For operation at magnetic ballast
- Extremely robust due to glass body
- Fully integrated ECG complies to relevant standards
- Overpower, overheat and short circuit protected
- High color homogeneity
- RoHS-conformity, no mercury

#### Key product features:

- Very efficient tube (up to 85 lm/W)
- Up to 67% energy savings compared to conventional 1500mm T8 fluorescent tubes
- Instant 100% light without flickering
- 3 years OSRAM guarantee\*

#### Application:

- For price-optimized upgrading
- Corridors, stairways, parking garages
- Cooling and storage rooms
- Domestic applications
- Warehouses

