

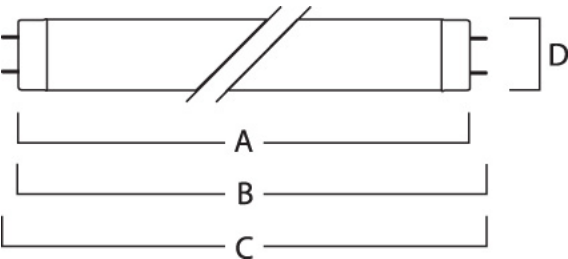
# F18W/T8/835

Item No: 0000580



## Technical Assets

### Dimensions (mm)



### Photometrics

### General data

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Product name        | F18W/T8/835                                                                                               |
| Technology          | Fluorescent                                                                                               |
| Lamp shape          | Tube, double-ended                                                                                        |
| Cap/Base            | G13                                                                                                       |
| Lamp finish         | Frosted/Coated                                                                                            |
| Fixture rating      | Open                                                                                                      |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail |
| ETIM Class          | EC000108                                                                                                  |
| E-number FI         | 4940135                                                                                                   |
| E-number SE         | 8356582                                                                                                   |

### Optical data

|                                                                      |                |
|----------------------------------------------------------------------|----------------|
| Useful luminous flux ( $\Phi_{use}$ )                                | 1350           |
| Luminous flux (Rated) (lm)                                           | 1350           |
| Ambient temperature for maximum luminous flux ( $^{\circ}\text{C}$ ) | 25             |
| Correlated colour temperature (k)                                    | 3500           |
| Light colour                                                         | White          |
| Colour Code                                                          | 835            |
| CRI (Ra)                                                             | 85             |
| Colour Variation Initial (SDCM)                                      | SDCM5          |
| Adjustable chromaticity                                              | N              |
| Photobiological Risk Group                                           | Not applicable |
| Rated lumen maint. factor (%) at 2000 h 50Hz                         | 0.96           |
| Rated lumen maint. factor (%) at 4000 h 50Hz                         | 0.94           |

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|                                               |      |
|-----------------------------------------------|------|
| Rated lumen maint. factor (%) at 6000 h 50Hz  | 0.92 |
| Rated lumen maint. factor (%) at 8000 h 50Hz  | 0.91 |
| Rated lumen maint. factor (%) at 12000 h 50Hz | 0.90 |
| Rated lumen maint. factor (%) at 16000 h 50Hz | 0.89 |
| Rated lumen maint. factor (%) at 20000 h 50Hz | 0.87 |

## Electrical data

|                                          |                                |
|------------------------------------------|--------------------------------|
| Power consumption (W)                    | 18                             |
| Wattage (W)                              | 18.00                          |
| Current (A)                              | 0.370                          |
| Primary Supply/Product voltage - min (V) | 50                             |
| Primary Supply/Product voltage - max (V) | 64                             |
| Control gear required                    | Yes                            |
| Dimmable                                 | Yes                            |
| Dimming method                           | Mains: leading / trailing edge |
| Drive current (mA)                       | 370                            |
| Lamp Energy Label (class)                | G                              |
| kWh per 1000 hours burning time          | 22                             |
| Nominal Frequency (Hz)                   | 50Hz                           |

## Lifetime data

|                                           |       |
|-------------------------------------------|-------|
| Average life (Nominal) (h)                | 20000 |
| Average life (Rated) (h)                  | 20000 |
| Rated survival factor (%) at 2000 h 50Hz  | 0.99  |
| Rated survival factor (%) at 4000 h 50Hz  | 0.98  |
| Rated survival factor (%) at 6000 h 50Hz  | 0.96  |
| Rated survival factor (%) at 8000 h 50Hz  | 0.94  |
| Rated survival factor (%) at 12000 h 50Hz | 0.92  |
| Rated survival factor (%) at 16000 h 50Hz | 0.80  |
| Rated survival factor (%) at 20000 h 50Hz | 0.50  |

## Physical data

|                                     |             |
|-------------------------------------|-------------|
| Nominal Product Length (mm)         | 600.0       |
| Nominal Product Diameter (mm)       | 26          |
| Max. Length base to base (mm) - A   | 589.8       |
| Length base to pin Min-Max (mm) - B | 594.5-596.9 |
| Max. Lamp Length (mm) - C/L         | 604.0       |
| Max. Lamp Diameter (mm) - D         | 28.0        |
| Weight (kg)                         | 0.083       |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288005805  |
| Packaging single length / height (cm) | 61.0           |
| Packaging single width (cm)           | 2.9            |
| Packaging single depth (cm)           | 2.8            |
| DUN14 (inner)                         | 15410288005802 |
| Units per outer package               | 25             |
| Packaging outer length / height (cm)  | 63.0           |
| Packaging outer width (cm)            | 15.5           |
| Packaging outer depth (cm)            | 15.0           |

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## Safety data

|                                            |            |
|--------------------------------------------|------------|
| Lamp mercury content (mg)                  | 2.80       |
| Breakage cleaning instructions             | Applicable |
| Recommendation for disposal at end of life | Applicable |
| Special purpose lamp                       | No         |
| Suitable for household illumination        | Yes        |