

## T5 Circline Plus

T5 Circline Plus 22W/840  
0000521

### Product features



### PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| Product name                    | T5 Circline Plus 22W/840  |
| Technology                      | Fluorescent   |
| Watt (Rated) (W)                | 22.30   |
| Lamp shape                      | Ring  |
| Type                            | T5 Circline Plus  |
| Cap/Base                        | 2GX13   |
| Lamp finish                     | Frosted/Coated  |
| Fixture rating                  | Open  |
| General application             | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Retail, Residential & Consumer |
| ETIM Class                      | EC000108  |
| E-number FI                     | 4940719   |
| Luminous flux (lm)              | 1800  |
| Colour temperature (K)          | 4000  |
| Light colour                    | Cool White  |
| Colour Code                     | 840   |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | SDCM5   |
| Photobiological Risk Group      | Not applicable  |
| Wattage (W)                     | 22.00   |
| Product Voltage (V)             | 75  |
| Dimmable                        | Yes   |
| Dimming method                  | Mains: leading / trailing edge  |
| Average life (Nominal) (h)      | 16000   |
| Product EAN number              | 5410288005218   |

### DATA TABLE

#### General data

|                  |                          |
|------------------|--------------------------|
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| ETIM Class          | EC000108  |
| E-number FI         | 4940719   |

### Optical data

|  |                |
|--|----------------|
| Luminous flux (lm)                                 | 1800           |
| Luminous flux (Rated) (lm)                         | 1800           |
| Ambient temperature for maximum luminous flux (°C) | 25             |
| Colour temperature (K)                             | 4000           |
| Light colour                                       | Cool White     |
| Colour Code  | 840            |
| CRI (Ra)   | 80             |
| Colour Variation Initial (SDCM)                    | SDCM5          |
| Adjustable chromaticity                            | N              |
| Photobiological Risk Group                         | Not applicable |
| Rated lumen maint. factor (%) at 2000 h 50Hz       | 0.85           |
| Rated lumen maint. factor (%) at 4000 h 50Hz       | 0.83           |
| Rated lumen maint. factor (%) at 6000 h 50Hz       | 0.82           |
| Rated lumen maint. factor (%) at 8000 h 50Hz       | 0.80           |
| Rated lumen maint. factor (%) at 12000 h 50Hz      | 0.77           |
| Rated lumen maint. factor (%) at 16000 h 50Hz      | 0.72           |

### Electrical data

|                                   |                                |
|-----------------------------------|--------------------------------|
| Wattage (W)                       | 22.00                          |
| Watt (Rated) - High frequency (W) | 22.3                           |
| Current (A)                       | 0.3                            |
| Mains voltage (V)                 | 220-240V                       |
| Product Voltage (V)               | 75                             |
| Control gear required             | Yes                            |
| Transformer required              | No                             |
| Dimmable                          | Yes                            |
| Dimming method                    | Mains: leading / trailing edge |
| Lamp Energy Label (class)         | G                              |
| kWh per 1000 hours burning time   | 25                             |

### Lifetime data

|  |       |
|--|-------|
| Average life (Nominal) (h)               | 16000 |
| Average life (Rated) (h)                 | 16000 |
| Rated survival factor (%) at 2000 h 50Hz | 0.99  |

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|   |      |
|---|------|
| Rated survival factor (%) at 4000 h 50Hz  | 0.97 |
| Rated survival factor (%) at 6000 h 50Hz  | 0.93 |
| Rated survival factor (%) at 8000 h 50Hz  | 0.85 |
| Rated survival factor (%) at 12000 h 50Hz | 0.78 |
| Rated survival factor (%) at 16000 h 50Hz | 0.65 |
| Rated survival factor (%) at 20000 h 50Hz | 0.50 |

### Physical data

|                                     |       |
|-------------------------------------|-------|
| Nominal Product Height (mm)         | 16    |
| Nominal Product Diameter (mm)       | 225   |
| Max. Length base to base (mm) - A   | 225   |
| Length base to pin Min-Max (mm) - B | 225   |
| Max. Lamp Diameter (mm) - D         | 16.0  |
| Weight (kg)                         | 0.078 |

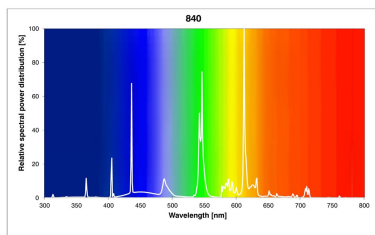
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288005218  |
| Packaging single length / height (cm) | 23.1           |
| Packaging single width (cm)           | 22.8           |
| Packaging single depth (cm)           | 2.5            |
| DUN14 (outer)                         | 15410288005215 |
| Units per outer package               | 10             |
| Packaging outer length / height (cm)  | 29.9           |
| Packaging outer width (cm)            | 25.0           |
| Packaging outer depth (cm)            | 24.9           |

### Safety data

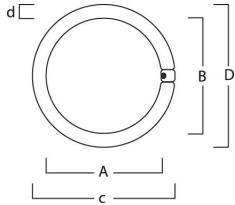
|                                     |            |
|-------------------------------------|------------|
| Lamp mercury content (mg)           | 2.70       |
| Breakage cleaning instructions      | Applicable |
| Special purpose lamp                | No         |
| Suitable for household illumination | Yes        |

## PHOTOMETRY



## TECHNICAL DRAWINGS

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**23**  
kWh/1000h



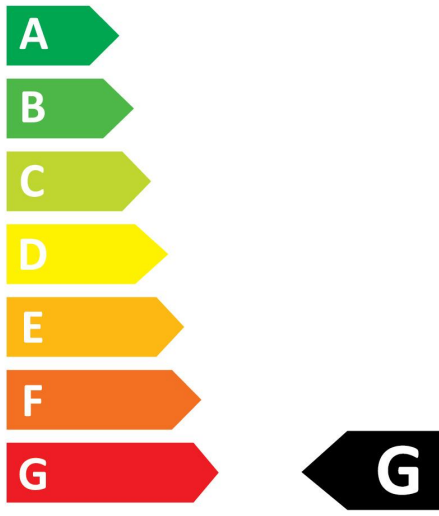
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# SYLVANIA

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**23**  
kWh/1000h



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