

## ToLEDo Superia T8 CCG and AC

ToLEDo Superia T8 V7 5FT 4100LM 840  
0029289



### Product features

- A range of high performance ToLEDo Superia T8 LED tubes with reminiscent look of fluorescent tubes
- High performance glass construction design
- High lumen output, with an impressive lumen efficacy of 171 lm/W
- Omnidirectional light distribution and wide beam angle
- Average rated life of 50,000 hours
- Lamp length - 1500mm
- High power factor
- 200,000 switching cycle
- 5 years warranty for complete peace of mind
- Compatible with electromagnetic gear / CCG and also suitable for direct mains operation (220-240V)
- No bending or discoloration over time
- Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots, waterproof luminaires and maintenance free applications



### PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| Product name                    | ToLEDo Superia T8 V7 5FT 4100LM 840                       |
| Technology                      | LED   |
| Watt (Rated) (W)                | 24  |
| Lamp shape                      | Tube, double-ended  |
| Type                            | LED exchangeable  |
| Cap/Base                        | G13   |
| Lamp finish                     | Opal  |
| Fixture rating                  | Open  |
| General application             | Hospitality, Logistics & Industry, Residential & Consumer |
| ETIM Class                      | EC001959  |
| E-number FI                     | 4941307   |
| Warranty                        | 5 years   |
| Luminous flux (lm)              | 4100  |
| Colour temperature (K)          | 4000  |
| Light colour                    | Cool White  |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | SDCM6   |
| Beam Angle (°)                  | 170   |
| Photobiological Risk Group      | RG0   |
| Wattage (W)                     | 24  |
| Product Voltage (V)             | 230   |
| Dimmable                        | No  |
| Average life (Nominal) (h)      | 50000   |
| IP rating                       | IP20  |
| Product EAN number              | 5410288292892   |

### DATA TABLE

#### General data

|                  |                                     |
|------------------|-------------------------------------|
| Product name     | ToLEDo Superia T8 V7 5FT 4100LM 840 |
| Technology       | LED                                 |
| Watt (Rated) (W) | 24                                  |
| Lamp shape       | Tube, double-ended                  |
| Type             | LED exchangeable                    |

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|   |   |
|---|---|
| Cap/Base                                | G13   |
| Lamp finish                             | Opal  |
| Fixture rating                          | Open  |
| General application                     | Hospitality, Logistics & Industry, Residential & Consumer |
| Operating temperature range (°C)        | -20°C...+55°C   |
| Performance ambient temperature Tq (°C) | 25  |
| ETIM Class                              | EC001959  |
| E-number FI                             | 4941307   |
| Warranty                                | 5 years   |

### Optical data

|  |            |
|--|------------|
| Luminous flux (lm)                           | 4100       |
| Luminous flux (Rated) (lm)                   | 4100       |
| Colour temperature (K)                       | 4000       |
| Light colour                                 | Cool White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Beam Angle (°)                               | 170        |
| Photobiological Risk Group                   | RG0        |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|   |         |
|---|---------|
| Wattage (W)                                       | 24      |
| Product Voltage (V)                               | 230     |
| Lamp power factor                                 | 0.91    |
| Control gear required                             | No      |
| No. Of switching cycles before premature failures | >200000 |
| Transformer required                              | No      |
| Dimmable  | No      |
| Inrush Current (A)                                | 6.4     |
| Inrush Duration (µs)                              | 624     |
| Lamp Energy Label (class)                         | C       |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. Luminaires per 16A C Breaker                 | 52      |
| Max. Luminaires per 16A B Breaker                 | 31      |

### Lifetime data

|                            |       |
|----------------------------|-------|
| Lifespan L70 B50           | 50000 |
| Average life (Nominal) (h) | 50000 |
| Average life (Rated) (h)   | 50000 |

### Physical data

|                               |      |
|-------------------------------|------|
| IP rating                     | IP20 |
| Nominal Product Length (mm)   | 1513 |
| Nominal Product Diameter (mm) | 28   |
| Weight (kg)                   | 0.26 |

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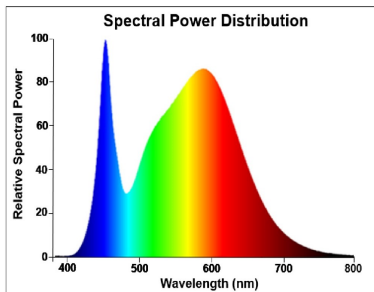
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288292892  |
| Packaging single length / height (cm) | 155.5          |
| Packaging single width (cm)           | 2.9            |
| Packaging single depth (cm)           | 2.9            |
| DUN14 (outer)                         | 15410288292899 |
| Units per outer package               | 10             |
| Packaging outer length / height (cm)  | 161.0          |
| Packaging outer width (cm)            | 22.0           |
| Packaging outer depth (cm)            | 10.5           |

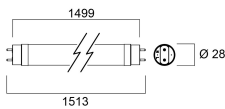
### Safety data

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Optimal operating condition (°C)    | -20-55                                |
| Breakage cleaning instructions      | Not applicable                        |
| Special purpose lamp                | No                                    |
| Suitable for household illumination | Yes                                   |
| Safety message                      | Suitable for totally enclosed fixture |

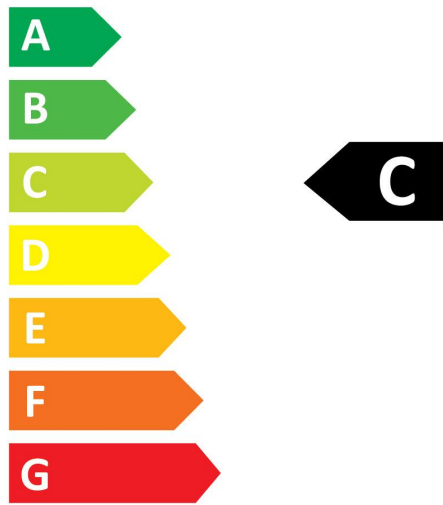
## PHOTOMETRY



## TECHNICAL DRAWINGS



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**24**  
kWh/1000h



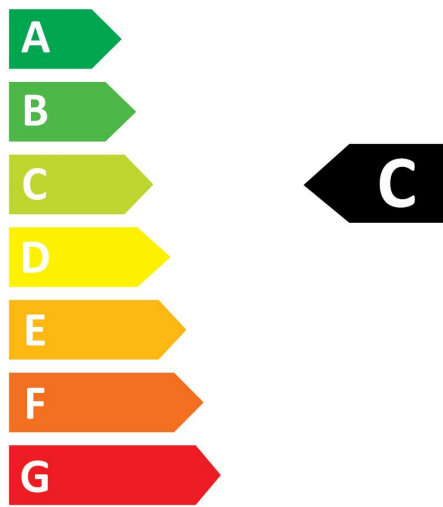
2019/2015

# SYLVANIA

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**24**  
kWh/1000h



2019/2015