

# ToLEDo Superia Tubes

ToLEDo Superia Tube 5Ft 32W 3300LM 865

0027028



## Range features

- Retrofit for T8 luminaires, easy plug and play solution for magnetic ballasts
- Made in Germany to the highest quality standards
- High colour rendering (CRI=80+)
- Available in three color temperatures (3000K-4000K-6500K)
- Instant light, allows better utilisation of lighting control and even greater energy saving
- Very robust construction
- 100° degree rotating end cap which allows to direct the light
- Locking system preventing tubes from rotation, advantage for application areas with strong vibration
- 120° beam angle
- Low temperature operation, not impacted by the cold (-30C to +40C)
- Eco-friendly lamp; mercury-free
- Highly reliable click together construction
- Average rated life 40.000 hours, reduced maintenance cost



## PRODUCT OVERVIEW

|                            |                        |
|----------------------------|------------------------|
| Ordering number            | 0027028                |
| Technology                 | LED                    |
| Light colour               | 865 Daylight           |
| Energy class               | A+                     |
| Average life (Rated) (h)   | 40000                  |
| Lamp shape                 | Linear                 |
| Lamp finish                | Frosted                |
| Dimmable                   | No                     |
| Cap/Base                   | G13                    |
| Type                       | ToLEDo Superia Tube T8 |
| EAN code                   | 5410288270289          |
| CRI (Ra)                   | 85                     |
| Beam angle(°)              | 120                    |
| Colour temperature (K)     | 6500                   |
| Luminous flux (Rated) (lm) | 3300                   |
| Efficacy (Rated) (lm/w)    | 103.1                  |
| Watt (Nominal) (W)         | 32                     |
| Voltage (V)                | 100-240                |

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## DATA TABLE

### General data

|                            |                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology                 | LED                                                                                                                                             |
| Ordering number            | 0027028                                                                                                                                         |
| Energy saving lamp         | Yes                                                                                                                                             |
| Average life (Rated) (h)   | 40000                                                                                                                                           |
| Average life (Nominal) (h) | 40000                                                                                                                                           |
| Energy class               | A+                                                                                                                                              |
| Lamp shape                 | Linear                                                                                                                                          |
| Lamp finish                | Frosted                                                                                                                                         |
| Dimmable                   | No                                                                                                                                              |
| Cap/Base                   | G13                                                                                                                                             |
| Type                       | ToLEDo Superia Tube T8                                                                                                                          |
| EAN code                   | 5410288270289                                                                                                                                   |
| E-number FI                | 4740087                                                                                                                                         |
| E-number SE                | 8359474                                                                                                                                         |
| Notes                      | The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation |

### Long description

Retrofit for T8 luminaires, easy plug and play solution for magnetic ballasts . Made in Germany to the highest quality standards . High colour rendering (CRI=80+) . Available in three color temperatures (3000K-4000K-6500K). Instant light, allows better utilisation of lighting control and even greater energy saving . Very robust construction . 100° degree rotating end cap which allows to direct the light . Locking system preventing tubes from rotation, advantage for application areas with strong vibration. 120° beam angle. Low temperature operation, not impacted by the cold (-30C to +40C). Eco-friendly lamp; mercury-free. Highly reliable click together construction . Average rated life 40.000 hours, reduced maintenance cost

|                                                        |                                        |
|--------------------------------------------------------|----------------------------------------|
| Product name                                           | ToLEDo Superia Tube 5Ft 32W 3300LM 865 |
| Lamp mercury content (mg)                              | 0                                      |
| Starting time (max) (s)                                | 5.0000000000000003E-2                  |
| Warm-up time to 60% of full light (max) (s)            | < 1s => 60%                            |
| Control gear required                                  | No                                     |
| Intended purpose                                       | General lighting                       |
| No. of switching cycles before premature failure (min) | 100000                                 |
| Special purpose lamp                                   | No                                     |
| Transformer required                                   | No                                     |
| Sales pack quantity                                    | 6                                      |
| Optimal operating condition (°C)                       | 25                                     |

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## Optical data

|                                              |              |
|----------------------------------------------|--------------|
| Light colour                                 | 865 Daylight |
| CRI (Ra)                                     | 85           |
| Beam angle (Rated) (°)                       | 120          |
| Suitable for accent lighting                 | No           |
| Beam angle (°)                               | 120          |
| Colour Consistency                           | 6            |
| Colour temperature (K)                       | 6500         |
| Luminous flux (Nominal) (lm)                 | 3300         |
| Luminous flux (Rated) (lm)                   | 3300         |
| Lumen maintenance at end of nominal life (%) | 0.7          |
| Adjustable chromaticity                      | No           |

## Electrical data

|                                 |         |
|---------------------------------|---------|
| kWh per 1000 hours burning time | 32      |
| Efficacy (Rated) (lm/w)         | 103.1   |
| Watt (Rated) (W)                | 32      |
| Watt (Nominal) (W)              | 32      |
| Voltage (V)                     | 100-240 |
| Current (A)                     | 0.150   |
| Lamp power factor               | 0.95    |

## Physical data

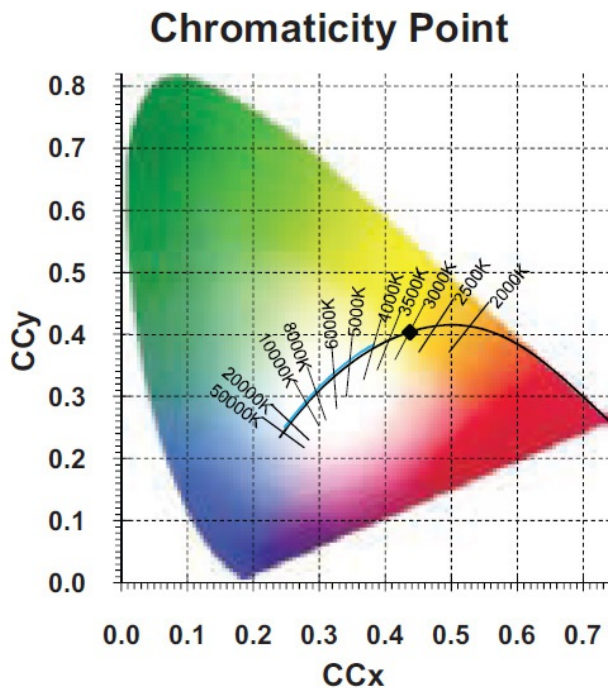
|                                                     |      |
|-----------------------------------------------------|------|
| Lamp Length (mm) - C/L                              | 1500 |
| Lamp Diameter (mm) - D                              | 28   |
| Lamp dimension equal to filament lamp equivalent    | Yes  |
| Designed for optimum use in non standard conditions | No   |
| Fluorescent lamp replacement                        | Yes  |

## ToLEDo Superia Tubes

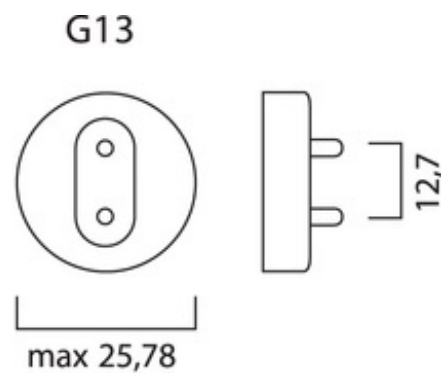
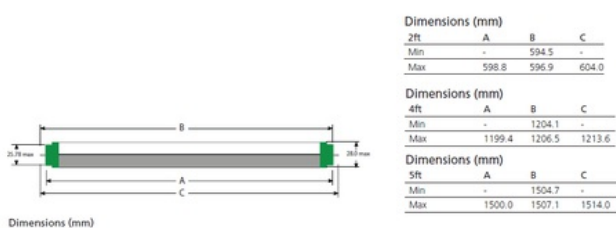
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### PHOTOMETRY



### TECHNICAL DRAWINGS



### ENERGY LABEL

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