

ToLEDo T8 Universal

ToLEDo T8 UNI 5FT 2800LM 840
0028296



Product features

- 30,000 hours average rated life (L70 F50) - last 1.5 times longer than standard fluorescent T8 tri-phosphor lamp
- Available in 1200mm and 1500mm lengths
- High switching cycles - 200,000X
- Up to 59% energy savings compared to the standard fluorescent lamp
- High lumen efficacy - up to 117lm/W
- Omni-directional light distribution and wide beam angle.
- Minimum and maximum operating temperature : -20°C to 50°C
- Colour temperature: 3000K, 4000K and 6500K
- Glass construction and polycarbonate end-caps
- Must replace the fluorescent starter with LED dummy starter when used with magnetic/ CCG ballast
- Works only with compatible electronic ballasts. Please refer Sylvania website for full list of compatible ballast



PRODUCT OVERVIEW

| | |
|----------------------------|--|
| Product name | ToLEDo T8 UNI 5FT 2800LM 840 |
| Technology | LED |
| Watt (Rated) (W) | 24 |
| Cap/Base | G13 |
| General application | Office, Hospitality, Retail, Logistics & Industry, Education, Residential & Consumer, Museums & Galleries, |
| ETIM Class | EC001959 |
| Luminous flux (lm) | 2800 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Wattage (W) | 24 |
| Product Voltage (V) | 230 |
| Average life (Nominal) (h) | 30000 |
| Product EAN number | 5410288282961 |

DATA TABLE

General data

| | |
|---------------------|--|
| Product name | ToLEDo T8 UNI 5FT 2800LM 840 |
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| Watt (Rated) (W) | 24 |
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Optical data

| | |
|--------------------|------|
| Luminous flux (lm) | 2800 |
|--------------------|------|

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| | |
|--|------------|
| Luminous flux (Rated) (lm) | 2800 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Lumen maintenance at end of nominal life (%) | 70 |

Electrical data

| | |
|---|--------|
| Wattage (W) | 24 |
| Starting time (max) (s) | 0.5 |
| Warm-up time to 60% of full light (max) (s) | 0.5 |
| Product Voltage (V) | 230 |
| Lamp power factor | 0.95 |
| No. Of switching cycles before premature failures | 200000 |
| Inrush Current (A) | 20 |
| Lamp Energy Label (class) | A+ |
| kWh per 1000 hours burning time | 24 |
| Max. Luminaires per 10A C Breaker | 50 |
| Max. Luminaires per 16A C Breaker | 80 |
| Max. Luminaires per 20A C Breaker | 100 |

Lifetime data

| | |
|----------------------------|-------|
| Average life (Nominal) (h) | 30000 |
| Average life (Rated) (h) | 30000 |

Physical data

| | |
|-----------------------------------|-------|
| Nominal Product Length (mm) | 1513 |
| Nominal Product Diameter (mm) | 28 |
| Max. Length base to base (mm) - A | 1499 |
| Weight (kg) | 0.265 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288282961 |
| Packaging single length / height (cm) | 156.5 |
| Packaging single width (cm) | 2.9 |
| Packaging single depth (cm) | 2.9 |
| DUN14 (outer) | 15410288282968 |
| Units per outer package | 10 |
| Packaging outer length / height (cm) | 160.5 |
| Packaging outer width (cm) | 19.8 |
| Packaging outer depth (cm) | 9.0 |

Safety data

| | |
|-------------------------------------|------------------|
| Breakage cleaning instructions | Not applicable |
| Special purpose lamp | No |
| Intended purpose | General lighting |
| Suitable for household illumination | Yes |

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Safety message

Suitable for totally enclosed fixture

