

ToLEDo Superia T5 AC

ToLEDo SUPERIA T5 AC V2 5FT 5600LM 840
0029260

Product features

- 50,000 hours average rated lifetime
- Last 2.5 times longer than 80W 1449mm fluorescent tri-phosphor T5 lamp
- High switching cycles - 200,000X
- Omni-directional light distribution and wide beam angle
- Minimum and maximum operating temperature: -20°C to 50°C
- Glass construction and polycarbonate end-caps
- Only suitable for direct mains (AC 220-240V) operation
- Ideal for factories, parking lots, supermarkets, department stores, schools and offices
- Not suitable for operation with electronic/ECG or magnetic/CCG ballasts



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| Product name | ToLEDo SUPERIA T5 AC V2 5FT 5600LM 840 |
| Technology | LED |
| Watt (Rated) (W) | 37 |
| Lamp shape | Tube, double-ended |
| Type | LED exchangeable |
| Cap/Base | G5 |
| Lamp finish | Opal |
| Fixture rating | Open |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer |
| ETIM Class | EC001959 |
| E-number FI | 4941334 |
| Warranty | 5 years |
| Luminous flux (lm) | 5600 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 150 |
| Photobiological Risk Group | RG0 |
| Wattage (W) | 37 |
| Dimmable | No |
| Average life (Nominal) (h) | 50000 |
| IP rating | IP20 |
| Product EAN number | 5410288292601 |

DATA TABLE

General data

| | |
|------------------|--|
| Product name | ToLEDo SUPERIA T5 AC V2 5FT 5600LM 840 |
| Technology | LED |
| Watt (Rated) (W) | 37 |
| Lamp shape | Tube, double-ended |

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|---|---|
| Type | LED exchangeable |
| Cap/Base | G5 |
| Lamp finish | Opal |
| Fixture rating | Open |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer |
| Operating temperature range (°C) | -20°C...+45°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001959 |
| E-number FI | 4941334 |
| Warranty | 5 years |

Optical data

| | |
|--|------------|
| Luminous flux (lm) | 5600 |
| Luminous flux (Rated) (lm) | 5600 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 150 |
| Photobiological Risk Group | RG0 |
| Lumen maintenance at end of nominal life (%) | 70 |

Electrical data

| | |
|---|---------|
| Wattage (W) | 37 |
| Primary Supply/Product voltage - min (V) | 220 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.9 |
| Control gear required | No |
| No. Of switching cycles before premature failures | >100000 |
| Dimmable | No |
| Inrush Current (A) | 24.4 |
| Inrush Duration (µs) | 13 |
| Lamp Energy Label (class) | D |
| Max. products per 16A C Breaker | 52 |
| Max. products per 16A B Breaker | 52 |

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) | 1462 |
| Nominal Product Diameter (mm) | 17 |

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Weight (kg) 0.17

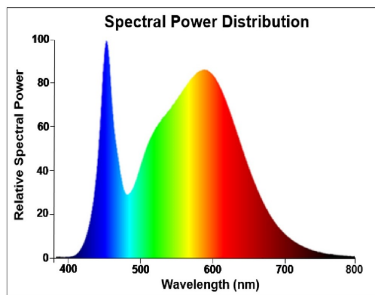
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288292601 |
| Packaging single length / height (cm) | 146.2 |
| Packaging single width (cm) | 1.8 |
| Packaging single depth (cm) | 1.8 |
| DUN14 (outer) | 15410288292608 |
| Units per outer package | 10 |
| Packaging outer length / height (cm) | 152.1 |
| Packaging outer width (cm) | 15.5 |
| Packaging outer depth (cm) | 7.8 |

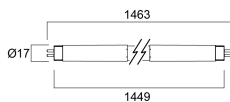
Safety data

| | |
|-------------------------------------|---------------------------------------|
| Optimal operating condition (°C) | -20-45 |
| Breakage cleaning instructions | Not applicable |
| Special purpose lamp | No |
| Suitable for household illumination | Yes |
| Safety message | Suitable for totally enclosed fixture |

PHOTOMETRY



TECHNICAL DRAWINGS



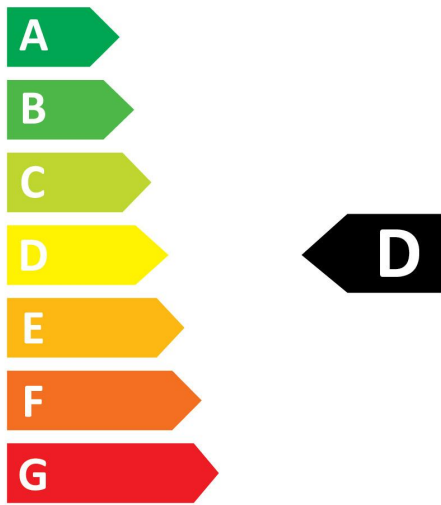
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37
kWh/1000h



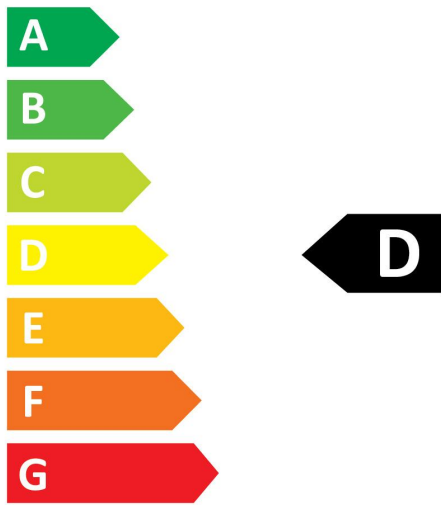
2019/2015

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37
kWh/1000h



2019/2015