

ToLEDo Superia T5 AC V2 4FT 2400LM 840

Item No: 0029256

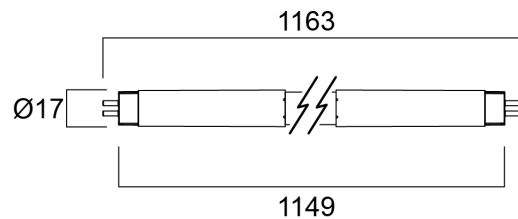
SYLVANIA



50,000 hours average rated lifetime Last 2.5 times longer than 28W 1149mm 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

Technical Assets

Dimensions (mm)



Photometrics

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SYLVANIA

General data

| | |
|---|---|
| Product name | ToLEDo Superia T5 AC V2 4FT 2400LM 840 |
| Technology | LED |
| Watt (Rated) (W) | 16 |
| Lamp shape | Tube, double-ended |
| Cap/Base | G5 |
| Lamp finish | Opal |
| Fixture rating | Open |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail |
| Operating temperature range (°C) | -20°C...+45°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001959 |
| E-number FI | 4940788 |
| Warranty | 5 years |

Optical data

| | |
|--|------------|
| Useful luminous flux (Φ_{use}) | 2400 |
| Luminous flux (lm) | 2400 |
| Luminous flux (Rated) (lm) | 2400 |
| Correlated 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

| | |
|---|---------|
| Power consumption (W) | 16 |
| Wattage (W) | 16 |
| 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) | 27.4 |
| Inrush Duration (μ s) | 3 |
| Lamp Energy Label (class) | D |
| Max. products per 16A C Breaker | 108 |
| Max. products per 20A C Breaker | 134 |
| Max. products per 10A B Breaker | 67 |
| Max. products per 13A B Breaker | 88 |
| Max. products per 16A B Breaker | 108 |

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) | 1162 |
| Nominal Product Diameter (mm) | 17 |
| Weight (kg) | 0.14 |

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Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288292564 |
| Packaging single length / height (cm) | 116.0 |
| Packaging single width (cm) | 2.0 |
| Packaging single depth (cm) | 2.0 |
| DUN14 (inner) | 15410288292561 |
| Units per outer package | 10 |
| Packaging outer length / height (cm) | 122.0 |
| Packaging outer width (cm) | 15.5 |
| Packaging outer depth (cm) | 8.0 |

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 |