

ToLEDo Performer T-Series

ToLEDo Performer T60 3400LM 840 E27 SL
0028370



Product features

- Direct retrofit replacement for high-pressure mercury vapor lamps (HPMV) 50,000 hours average rated lifetime Up to 78% energy saving compared to the standard high-pressure mercury vapor lamps Mercury-free solution Lower maintenance cost High lumen efficacy Dual operating mode - compatible with HPMV magnetic ballast and also, suitable for AC direct mains 120-240V operation High surge voltage protection: 4kV Suitable for both open and enclosed luminaires Wide light distribution High switching cycles - 200,000X High colour rendering - CRI80 Minimum and maximum operating temperature: -30°C to 50°C



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | ToLEDo Performer T60 3400LM 840 E27 SL |
| Technology | LED |
| Watt (Rated) (W) | 27 |
| Type | LED exchangeable |
| Cap/Base | E27 |
| Fixture rating | Open |
| General application | Logistics & Industry |
| ETIM Class | EC001959 |
| E-number FI | 4740739 |
| Warranty | 5 years |
| Luminous flux (lm) | 3400 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Photobiological Risk Group | RG1 |
| Wattage (W) | 27 |
| Product Voltage (V) | 230 |
| Dimmable | No |
| Average life (Nominal) (h) | 50000 |
| Product EAN number | 5410288283708 |

DATA TABLE

General data

| | |
|---|--|
| Product name | ToLEDo Performer T60 3400LM 840 E27 SL |
| Technology | LED |
| Watt (Rated) (W) | 27 |
| Type | LED exchangeable |
| Cap/Base | E27 |
| Fixture rating | Open |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -20°C - 50°C |
| Performance ambient temperature Tq (°C) | 25 |

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| E-number FI | 4740739 |
| Warranty | 5 years |

Optical data

| | |
|--|------------|
| Luminous flux (lm) | 3400 |
| Luminous flux (Rated) (lm) | 3400 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Photobiological Risk Group | RG1 |
| Lumen maintenance at end of nominal life (%) | 70 |

Electrical data

| | |
|---|---------|
| Wattage (W) | 27 |
| 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 |
| Control gear required | No |
| No. Of switching cycles before premature failures | >200000 |
| Transformer required | No |
| Dimmable | No |
| Inrush Current (A) | 79.6 |
| Inrush Duration (µs) | 2 |
| Lamp Energy Label (class) | E |
| kWh per 1000 hours burning time | 27 |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 16A C Breaker | 53 |

Lifetime data

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

Physical data

| | |
|-------------------------------|------|
| Nominal Product Length (mm) | 175 |
| Nominal Product Diameter (mm) | 60 |
| Weight (kg) | 0.31 |

Packaging

| | |
|---------------------------------------|---------------|
| Single packaging type | Carton |
| Product EAN number | 5410288283708 |
| Packaging single length / height (cm) | 22.5 |
| Packaging single width (cm) | 7.2 |
| Packaging single depth (cm) | 7.2 |

ToLEDo Performer T-Series

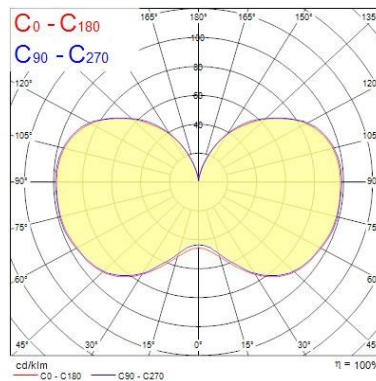
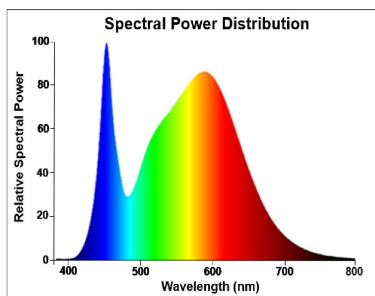
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| | |
|--------------------------------------|----------------|
| DUN14 (outer) | 15410288283705 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 23.0 |
| Packaging outer width (cm) | 16.0 |
| Packaging outer depth (cm) | 24.0 |

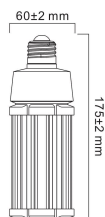
Safety data

| | |
|-------------------------------------|--|
| Optimal operating condition (°C) | -20-50 |
| Breakage cleaning instructions | Not applicable |
| Special purpose lamp | No |
| Dry applications use only | No |
| Suitable for household illumination | Yes |
| Safety message | Not Suitable for totally enclosed fixtures |

PHOTOMETRY



TECHNICAL DRAWINGS



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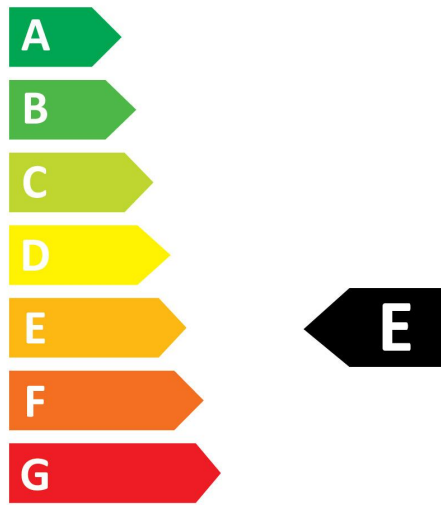
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27
kWh/1000h



2019/2015

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27
kWh/1000h



2019/2015