

## ToLEDo Performer T-Series

TOLEDO PERFORMER T60 2300LM 840 E27 SL

0028369



### 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

|                            |                                        |
|----------------------------|----------------------------------------|
| IPC Code                   | 0028369                                |
| Product name               | TOLEDO PERFORMER T60 2300LM 840 E27 SL |
| Technology                 | LED                                    |
| Watt (Rated) (W)           | 18                                     |
| Cap/Base                   | E27                                    |
| Fixture rating             | Open                                   |
| General application        | Logistics & Industry                   |
| ETIM Class                 | EC001959                               |
| E-number FI                | 4844489                                |
| Luminous flux (lm)         | 2300                                   |
| Colour temperature (K)     | 4000                                   |
| Light colour               | Cool White                             |
| CRI (Ra)                   | 80                                     |
| Wattage (W)                | 18                                     |
| Product Voltage (V)        | 230                                    |
| Average life (Nominal) (h) | 50000                                  |
| Product EAN number         | 5410288283692                          |

### DATA TABLE

#### General data

|                     |                                        |
|---------------------|----------------------------------------|
| IPC Code            | 0028369                                |
| Product name        | TOLEDO PERFORMER T60 2300LM 840 E27 SL |
| Technology          | LED                                    |
| Watt (Rated) (W)    | 18                                     |
| Cap/Base            | E27                                    |
| Fixture rating      | Open                                   |
| General application | Logistics & Industry                   |
| ETIM Class          | EC001959                               |
| E-number FI         | 4844489                                |

#### Optical data

|                            |      |
|----------------------------|------|
| Luminous flux (lm)         | 2300 |
| Luminous flux (Rated) (lm) | 2300 |

## ToLEDo Performer T-Series

*TOLEDO PERFORMER T60 2300LM 840 E27 SL*

0028369

|                                              |            |
|----------------------------------------------|------------|
| Colour temperature (K)                       | 4000       |
| Light colour                                 | Cool White |
| CRI (Ra)                                     | 80         |
| Beam angle (Rated) (°)                       | 360        |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 18      |
| 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)                                | 81      |
| Lamp Energy Label (class)                         | A++     |
| kWh per 1000 hours burning time                   | 18      |
| Nominal Frequency (Hz)                            | 50/60Hz |

### Lifetime data

|                                         |       |
|-----------------------------------------|-------|
| Performance ambient temperature Tq (°C) | 25    |
| Average life (Nominal) (h)              | 50000 |
| Average life (Rated) (h)                | 50000 |

### Physical data

|                               |      |
|-------------------------------|------|
| Nominal Product Length (mm)   | 150  |
| Nominal Product Diameter (mm) | 60   |
| Weight (kg)                   | 0.26 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288283692  |
| Packaging single length / height (cm) | 20.0           |
| Packaging single width (cm)           | 7.2            |
| Packaging single depth (cm)           | 7.2            |
| DUN14 (outer)                         | 15410288283699 |
| Units per outer package               | 6              |
| Packaging outer length / height (cm)  | 21.5           |
| Packaging outer width (cm)            | 23.0           |
| Packaging outer depth (cm)            | 16.0           |

### Safety data

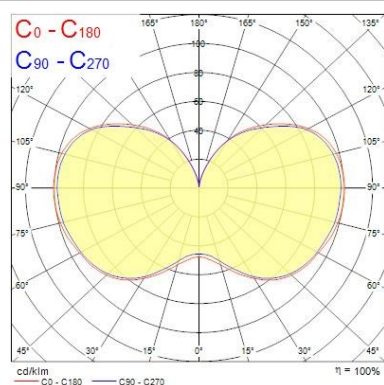
|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Breakage cleaning instructions      | Not applicable                             |
| Special purpose lamp                | No                                         |
| Dry applications use only           | Yes                                        |
| Suitable for household illumination | Yes                                        |
| Safety message                      | Not Suitable for totally enclosed fixtures |

## ToLEDo Performer T-Series

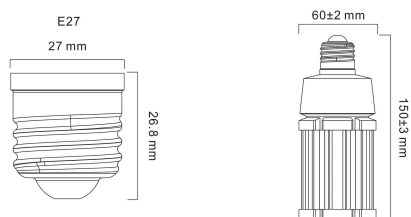
TOLEDO PERFORMER T60 2300LM 840 E27 SL

0028369

### PHOTOMETRY



### TECHNICAL DRAWINGS



ToLEDo Performer T-Series  
TOLEDO PERFORMER T60 2300LM 840 E27 SL  
0028369

