

Features

- Direct retrofit replacement for high-pressure mercury vapor lamps (HPMV)50,000 hours average rated lifetimeUp to 78% energy saving compared to the standard high-pressure mercury vapor lampsMercury-free solutionLower maintenance costHigh lumen efficacyDual operating mode – compatible with HPMV magnetic ballast and also, suitable for AC direct mains 120-240V operationHigh surge voltage protection: 4kVSuitable for both open and enclosed luminairesWide light distributionHigh switching cycles – 200,000XHigh colour rendering – CRI80Minimum and maximum operating temperature: -30°C to 50°C

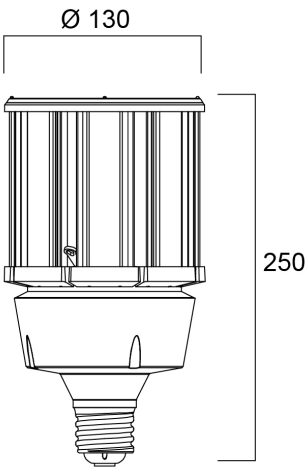
Product Overview

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Product name                    | ToLEDo Performer T130 V2 10500LM 840 E40 SL |
| Technology                      | LED                                         |
| Watt (Rated) (W)                | 80                                          |
| Type                            | LED exchangeable                            |
| Cap/Base                        | E40                                         |
| Fixture rating                  | Open                                        |
| General application             | Logistics & Industry                        |
| ETIM Class                      | EC001959                                    |
| E-number FI                     | 4844490                                     |
| Luminous flux (lm)              | 10500                                       |
| Colour temperature (K)          | 4000                                        |
| Light colour                    | Cool White                                  |
| CRI (Ra)                        | 80                                          |
| Colour Variation Initial (SDCM) | 6                                           |
| Photobiological Risk Group      | RG1                                         |
| Wattage (W)                     | 80                                          |
| Product Voltage (V)             | 230                                         |
| Dimmable                        | No                                          |

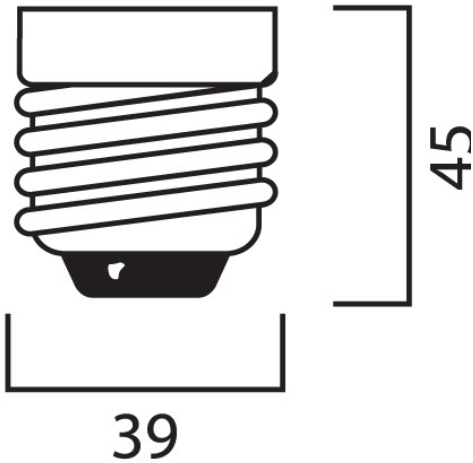
ToLEDo Performer T130 V2 10500LM 840 E40 SL  
0028379

|                            |               |
|----------------------------|---------------|
| Average life (Nominal) (h) | 50000         |
| Product EAN number         | 5410288283791 |
| Warranty                   | 5 years       |

Technical drawings



E40



Data table

GENERAL DATA

|                     |                                             |
|---------------------|---------------------------------------------|
| Product name        | ToLEDo Performer T130 V2 10500LM 840 E40 SL |
| Technology          | LED                                         |
| Watt (Rated) (W)    | 80                                          |
| Type                | LED exchangeable                            |
| Cap/Base            | E40                                         |
| Fixture rating      | Open                                        |
| General application | Logistics & Industry                        |

## ToLEDo Performer T130 V2 10500LM 840 E40 SL 0028379

|                                         |               |
|-----------------------------------------|---------------|
| Operating temperature range (°C)        | -20°C...+50°C |
| Performance ambient temperature Tq (°C) | 25            |
| ETIM Class                              | EC001959      |
| E-number FI                             | 4844490       |
| Warranty                                | 5 years       |

### OPTICAL DATA

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux (lm)                           | 10500      |
| Luminous flux (Rated) (lm)                   | 10500      |
| Colour temperature (K)                       | 4000       |
| Light colour                                 | Cool White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | 6          |
| Photobiological Risk Group                   | RG1        |
| Lumen maintenance at end of nominal life (%) | 70         |

### ELECTRICAL DATA

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 80      |
| 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)                                | 79.2    |
| Inrush Duration (µs)                              | 3       |
| Lamp Energy Label (class)                         | E       |
| kWh per 1000 hours burning time                   | 80      |

## ToLEDo Performer T130 V2 10500LM 840 E40 SL 0028379

|                                   |         |
|-----------------------------------|---------|
| Nominal Frequency (Hz)            | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 11      |
| Max. Luminaires per 16A C Breaker | 18      |
| Max. Luminaires per 20A C Breaker | 22      |

### LIFETIME DATA

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

### PHYSICAL DATA

|                               |       |
|-------------------------------|-------|
| Nominal Product Length (mm)   | 250   |
| Nominal Product Diameter (mm) | 130   |
| Weight (kg)                   | 1.342 |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288283791  |
| Packaging single length / height (cm) | 14.0           |
| Packaging single width (cm)           | 14.0           |
| Packaging single depth (cm)           | 29.0           |
| DUN14 (outer)                         | 15410288283798 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 30.0           |
| Packaging outer width (cm)            | 30.0           |
| Packaging outer depth (cm)            | 31.0           |

### 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            |

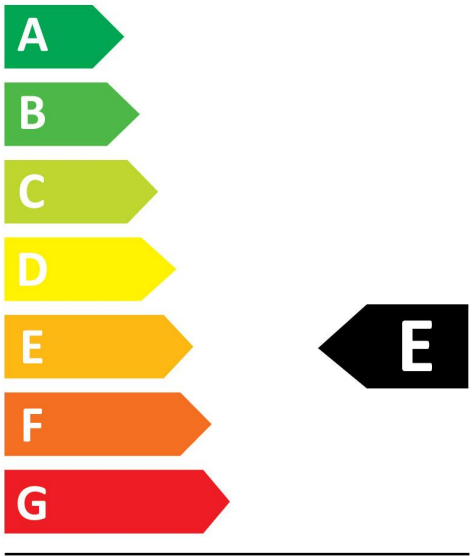
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Safety message

Not Suitable for totally enclosed fixtures

Energy label

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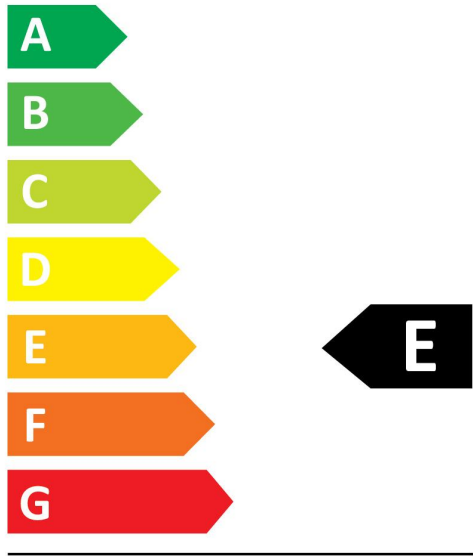


**80**  
kWh/1000h



2019/2015

 **ENERG**   
**SYLVANIA**  
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**80**  
kWh/1000h



2019/2015