

## ToLEDo Performer T-Series

TOLEDO PERFORMER T130 13000LM 840 E40 SL

0028376



### 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 100-240V 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	0028376
Product name	TOLEDO PERFORMER T130 13000LM 840 E40 SL
Technology	LED
Watt (Rated) (W)	110
Cap/Base	E40
Fixture rating	Open
General application	Logistics & Industry
Certifications	EUTIE103
ETIM Class	EC001959
E-number FI	4740743
Luminous flux (lm)	13000
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Wattage (W)	110
Product Voltage (V)	230
Average life (Nominal) (h)	50000
Product EAN number	5410288283760

## DATA TABLE

### General data

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General application	Logistics & Industry
Operating temperature rated (°C)	25
Certifications	EUTIE103
ETIM Class	EC001959
E-number FI	4740743

### Optical data

Luminous flux (lm)	13000
Luminous flux (Rated) (lm)	13000
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)	110
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)	142
Lamp Energy Label (class)	A++
kWh per 1000 hours burning time	110
Nominal Frequency (Hz)	50/60Hz

### Lifetime data

Average life (Nominal) (h)	50000
Average life (Rated) (h)	50000

### Physical data

Nominal Product Length (mm)	320
Nominal Product Diameter (mm)	130
Weight (kg)	1.85

### Packaging

Single packaging type	Carton
Product EAN number	5410288283760
Packaging single length / height (cm)	17.3
Packaging single width (cm)	35.6
Packaging single depth (cm)	16.1
DUN14 (outer)	15410288283767
Units per outer package	4
Packaging outer length / height (cm)	36.1
Packaging outer width (cm)	34.0
Packaging outer depth (cm)	36.5

## ToLEDo Performer T-Series

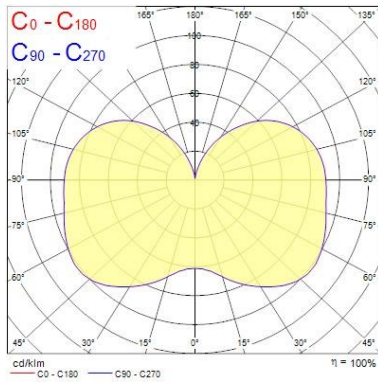
TOLEDO PERFORMER T130 13000LM 840 E40 SL

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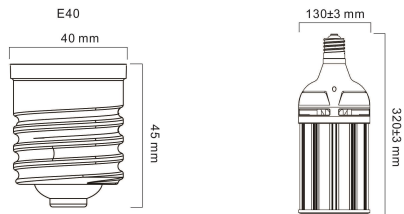
### Safety data

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

### PHOTOMETRY



### TECHNICAL DRAWINGS



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