



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

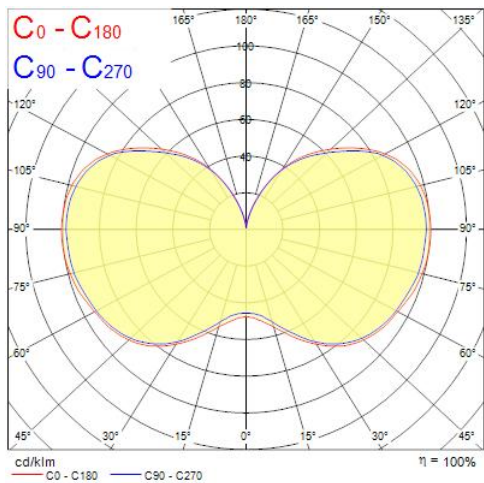
Product Overview

Product name	ToLEDo Performer T60 2300LM 840 E27 SL
Technology	LED
Watt (Rated) (W)	18
Type	LED exchangeable
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
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG1
Wattage (W)	18
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	50000

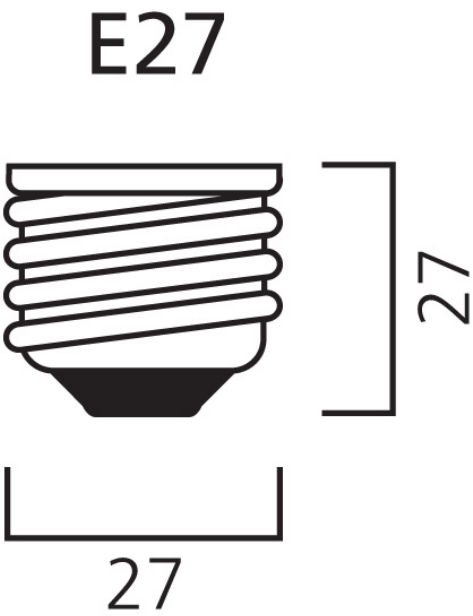
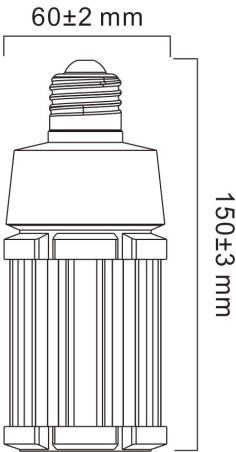
ToLEDo Performer T60 2300LM 840 E27 SL
0028369

Product EAN number	5410288283692
Warranty	5 years

Photometry



Technical drawings



ToLEDo Performer T60 2300LM 840 E27 SL 0028369

Data table

GENERAL DATA

Product name	ToLEDo Performer T60 2300LM 840 E27 SL
Technology	LED
Watt (Rated) (W)	18
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
ETIM Class	EC001959
E-number FI	4844489
Warranty	5 years

OPTICAL DATA

Luminous flux (lm)	2300
Luminous flux (Rated) (lm)	2300
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)	18
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	0.5

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Product Voltage (V)	230
Lamp power factor	1
Control gear required	No
No. Of switching cycles before premature failures	>200000
Transformer required	No
Dimmable	No
Inrush Current (A)	78.8
Inrush Duration (µs)	2
Lamp Energy Label (class)	E
kWh per 1000 hours burning time	18
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	80

LIFETIME DATA

Lifespan L70 B50	50000
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



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Packaging outer depth (cm)	16.0
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SAFETY DATA

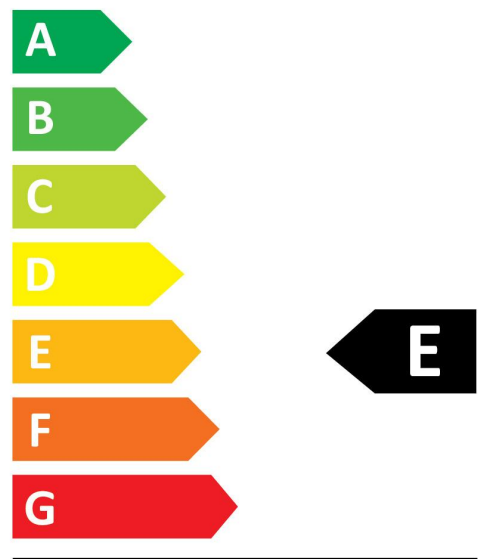
Optimal operating condition (°C)	-20-50
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	Yes
Safety message	Not Suitable for totally enclosed fixtures

Energy label

**ENERG**

SYLVANIA

0028369



18
kWh/1000h



2019/2015

**ENERG**

SYLVANIA

0028369



18
kWh/1000h



2019/2015