



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

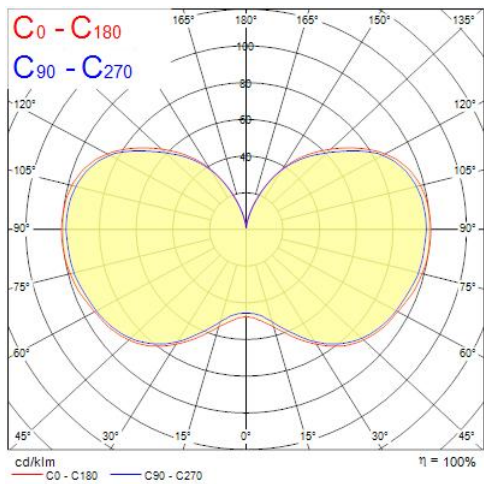
Product Overview

Product name	ToLEDo Performer T60 2300LM 840 E27 SL
Technology	LED
Watt (Rated) (W)	18
Cap/Base	E27
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC001959
E-number FI	4844489
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG1
Wattage (W)	18
Power consumption (W)	18
Dimmable	No
Average life (Nominal) (h)	50000
Product EAN number	5410288283692
Warranty	5 years

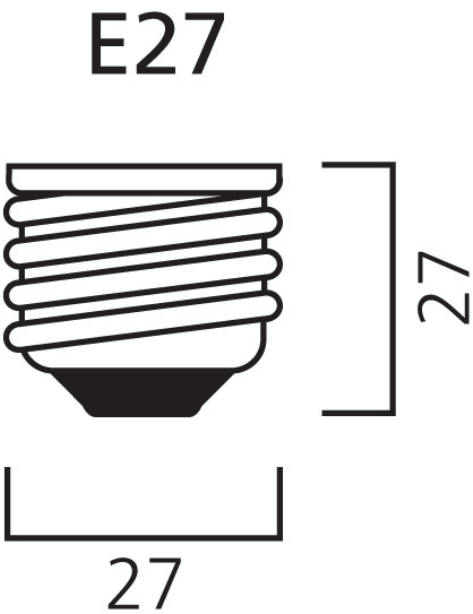
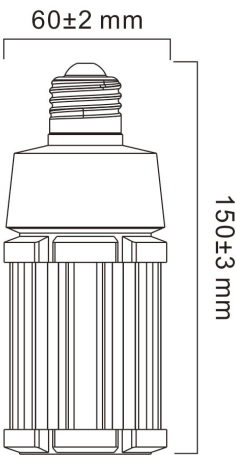
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0028369

Useful luminous flux (#use)	2300
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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
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

Useful luminous flux (#use)	2300
Luminous flux (Rated) (lm)	2300
Correlated 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

Power consumption (W)	18
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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Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
Control gear required	No
No. Of switching cycles before premature failures	>200000
Dimmable	No
Inrush Current (A)	78.8
Inrush Duration (µs)	2
Lamp Energy Label (class)	E
Nominal Frequency (Hz)	50/60Hz
Max. products 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)	0.312

PACKAGING

Product EAN number	5410288283692
Packaging single length / height (cm)	7.3
Packaging single width (cm)	7.3
Packaging single depth (cm)	22.5
DUN14 (inner)	15410288283699
Units per outer package	6
Packaging outer length / height (cm)	23.6
Packaging outer width (cm)	16.4
Packaging outer depth (cm)	24.6

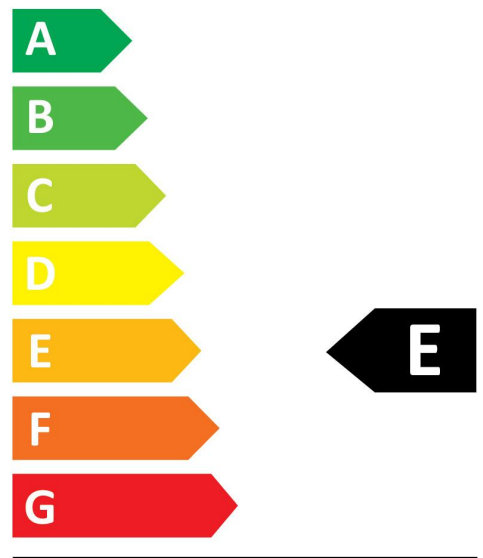
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SAFETY DATA

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

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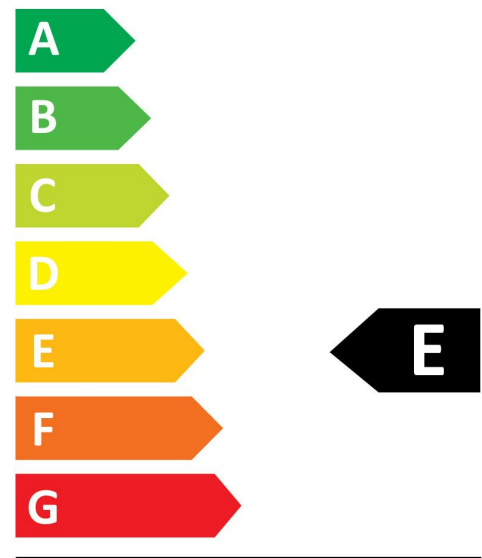


18
kWh/1000h



2019/2015

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18
kWh/1000h



2019/2015