

## ToLEDo Performer T-Series

ToLEDo Performer T85 6800LM 840 E40 SL

0028373



### 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

Product name	ToLEDo Performer T85 6800LM 840 E40 SL
Technology	LED
Watt (Rated) (W)	54
Type	LED exchangeable
Cap/Base	E40
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC001959
E-number FI	4740741
Warranty	5 years
Luminous flux (lm)	6800
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG1
Wattage (W)	54
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	50000
Product EAN number	5410288283739

## DATA TABLE

### General data

Product name	ToLEDo Performer T85 6800LM 840 E40 SL
Technology	LED
Watt (Rated) (W)	54
Type	LED exchangeable
Cap/Base	E40
Fixture rating	Open
General application	Logistics & Industry
Operating temperature range (°C)	-20°C - 50°C
Performance ambient temperature Tq (°C)	25

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ETIM Class	EC001959
E-number FI	4740741
Warranty	5 years

### Optical data

Luminous flux (lm)	6800
Luminous flux (Rated) (lm)	6800
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

### Electrical data

Wattage (W)	54
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)	80.6
Inrush Duration (µs)	2
Lamp Energy Label (class)	E
kWh per 1000 hours burning time	54
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	28

### Lifetime data

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

### Physical data

Nominal Product Length (mm)	245
Nominal Product Diameter (mm)	85
Weight (kg)	0.77

### Packaging

Single packaging type	Carton
Product EAN number	5410288283739
Packaging single length / height (cm)	27.9
Packaging single width (cm)	9.3
Packaging single depth (cm)	9.3

## ToLEDo Performer T-Series

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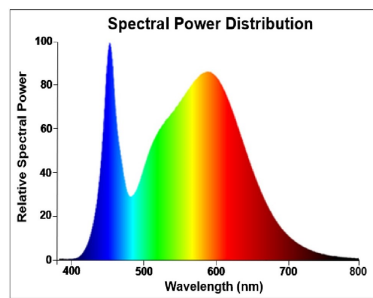
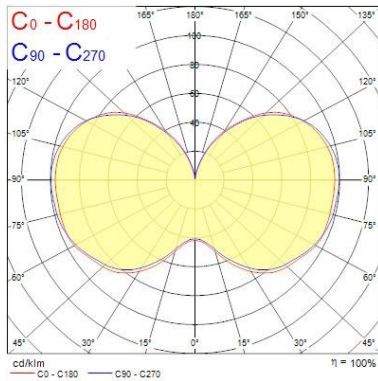
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DUN14 (outer)	15410288283736
Units per outer package	6
Packaging outer length / height (cm)	29.5
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	29.5

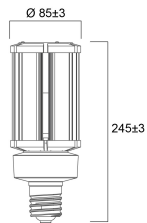
### Safety data

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

## PHOTOMETRY



## TECHNICAL DRAWINGS

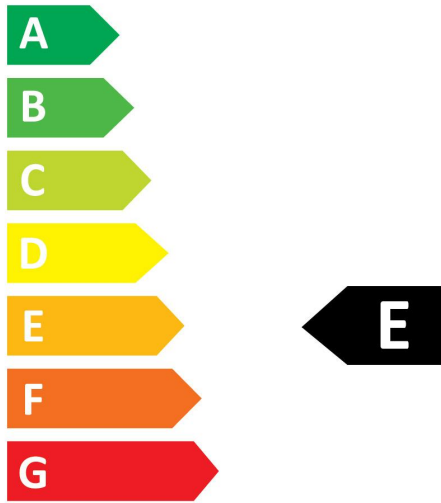


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**SYLVANIA**

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**54**  
kWh/1000h

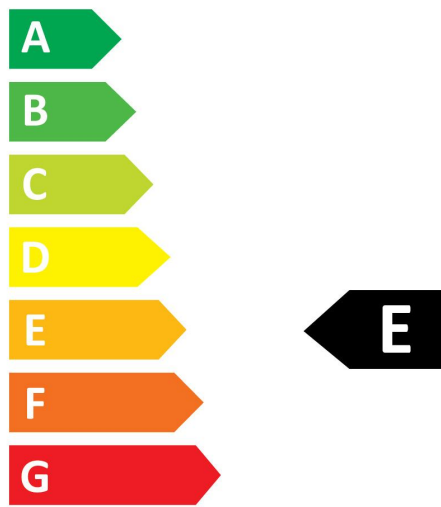


2019/2015

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**54**  
kWh/1000h



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