

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

IPC Code	0028373
Product name	TOLEDO PERFORMER T85 6800LM 840 E40 SL
Technology	LED
Watt (Rated) (W)	54
Cap/Base	E40
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC001959
E-number FI	4740741
Luminous flux (lm)	6800
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Wattage (W)	54
Product Voltage (V)	230
Average life (Nominal) (h)	50000
Product EAN number	5410288283739

DATA TABLE

General data

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Optical data

Luminous flux (lm)	6800
Luminous flux (Rated) (lm)	6800
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)	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
No. Of switching cycles before premature failures	200000
Inrush Current (A)	80.6
Lamp Energy Label (class)	A++
kWh per 1000 hours burning time	54
Nominal Frequency (Hz)	50/60Hz

Lifetime data

Performance ambient temperature Tq (°C)	25
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
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

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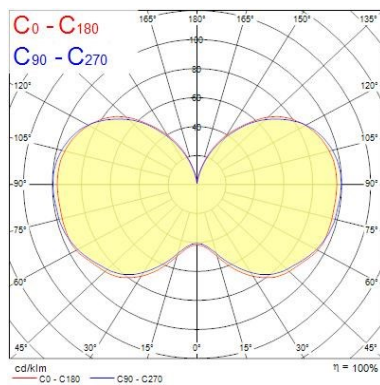
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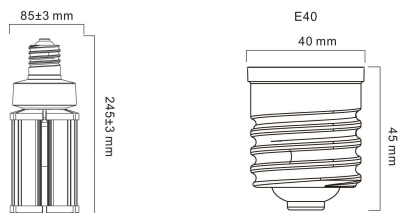
Safety data

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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