



Features

- Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lampsOmni-directional uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubesLumen output - 2300lmHigh lumen efficacy - 105 lm/WSwitching cycles - 100,000XAverage rated life 25,000 hoursLamp length - 1500mmWide beam angleSuitable for general illumination in offices, supermarkets, department stores, parking lotsSuitable for operation with electromagnetic gears/CCG and direct mains operation (220-240V)2-Year warranty



Product Overview

Product name	ToLEDo T8 V4 5FT 2300LM 840 25K
Technology	LED
Watt (Rated) (W)	22
Lamp shape	Tube, double-ended
Type	LED exchangeable
Cap/Base	G13
Lamp finish	Opal
Fixture rating	Open
General application	Education, Logistics & Industry, Office, Residential & Consumer
ETIM Class	EC001959
E-number FI	4941323
Luminous flux (lm)	2300
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	180
Photobiological Risk Group	RG0

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Wattage (W)	22
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	25000
IP rating	IP20
Product EAN number	5410288293042
Warranty	2 years

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo T8 V4 5FT 2300LM 840 25K
Technology	LED
Watt (Rated) (W)	22
Lamp shape	Tube, double-ended
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General application	Education, Logistics & Industry, Office, Residential & Consumer
Operating temperature range (°C)	-20°C...+45°C
Performance ambient temperature Tq (°C)	55
ETIM Class	EC001959
E-number FI	4941323
Warranty	2 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
Beam Angle (°)	180
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	22
Product Voltage (V)	230
Lamp power factor	0.5
Control gear required	No
No. Of switching cycles before premature failures	>50000
Transformer required	No
Dimmable	No
Inrush Current (A)	10.0
Inrush Duration (µs)	420
Lamp Energy Label (class)	F
Max. Luminaires per 16A C Breaker	16

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Max. Luminaires per 16A B Breaker	8
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LIFETIME DATA

Lifespan L70 B50	25000
Average life (Nominal) (h)	25000
Average life (Rated) (h)	25000

PHYSICAL DATA

IP rating	IP20
Nominal Product Length (mm)	1514.2
Nominal Product Diameter (mm)	28
Weight (kg)	0.28

PACKAGING

Single packaging type	Carton
Product EAN number	5410288293042
Packaging single length / height (cm)	156.0
Packaging single width (cm)	2.8
Packaging single depth (cm)	2.8
DUN14 (outer)	15410288293049
Units per outer package	10
Packaging outer length / height (cm)	159.5
Packaging outer width (cm)	16.0
Packaging outer depth (cm)	8.1

SAFETY DATA

Optimal operating condition (°C)	-20-45
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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22
kWh/1000h



2019/2015



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22
kWh/1000h



2019/2015