



Features

- Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps. Omnidirectional 320° uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubes. High lumen package - 2700 lm/W. High lumen efficacy - 100 lm/W. Energy rating - A+. Switching cycles - 200,000X. Average life 40,000 hours lifespan (L70 F50). Wide beam angle - 220°. High power factor - 0.95. Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots and maintenance free applications. Suitable for operation with electromagnetic gears and direct mains operation (220-240V). 3-Year warranty.

Product Overview

Product name	ToLEDo T8 V4 5FT 27W 2700LM 830
Technology	LED
Watt (Rated) (W)	27
Lamp shape	Tube, double-ended
Lamp finish	Frosted/Coated
Fixture rating	Open
General application	Logistics & Industry, Education, Residential & Consumer, Office, Hospitality, Retail, Museums & Galleries
ETIM Class	EC001959
E-number FI	4740519
E-number SE	8292597
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Wattage (W)	27

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Power consumption (W)	27
Dimmable	No
Average life (Nominal) (h)	40000
IP rating	IP20
Product EAN number	5410288273983
Warranty	3 years
Colour Code	830

Data table

GENERAL DATA

Product name	ToLEDo T8 V4 5FT 27W 2700LM 830
Technology	LED
Watt (Rated) (W)	27
Lamp shape	Tube, double-ended
Lamp finish	Frosted/Coated
Fixture rating	Open
General application	Logistics & Industry, Education, Residential & Consumer, Office, Hospitality, Retail, Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740519
E-number SE	8292597
Warranty	3 years

OPTICAL DATA

Luminous flux (Rated) (lm)	2700
Correlated colour temperature (k)	3000
Light colour	Warm White
Colour Code	830
CRI (Ra)	80
Colour Consistency (SDCM)	6

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Adjustable chromaticity	N
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Power consumption (W)	27
Wattage (W)	27
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	< 1s => 60%
Current (A)	0.12
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Control gear required	No
No. Of switching cycles before premature failures	>200000
Dimmable	No
kWh per 1000 hours burning time	27

LIFETIME DATA

Average life (Nominal) (h)	40000
Average life (Rated) (h)	40000

PHYSICAL DATA

IP rating	IP20
Nominal Product Length (mm)	1513
Max. Length base to base (mm) - A	1499
Length base to pin Min-Max (mm) - B	1506
Max. Lamp Length (mm) - C/L	1513
Max. Lamp Diameter (mm) - D	28
Weight (kg)	0.284

PACKAGING

ToLEDo T8 V4 5FT 27W 2700LM 830
0027398

Product EAN number	5410288273983
Packaging single length / height (cm)	158.0
Packaging single width (cm)	4.6
Packaging single depth (cm)	4.6
DUN14 (inner)	15410288273980
Units per outer package	10
Packaging outer length / height (cm)	160.5
Packaging outer width (cm)	25.9
Packaging outer depth (cm)	12.2

SAFETY DATA

Breakage cleaning instructions	Not applicable
Recommendation for disposal at end of life	Not Applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	No
Suitable for accent lighting	Yes
Safety message	Suitable for totally enclosed fixture