

## ToLEDo T8

ToLEDo T8 V4 5FT 27W 2700LM 865

0027377



### Product 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 - 0.90. 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

Technology	LED
Ordering number	0027377
Cap/Base	G13
Lamp finish	Frosted
Burning position	Universal
ETIM Class	EC001959
Luminous flux (lm)	2700
Efficacy (lm/w)	100
Colour temperature (K)	6500
Light colour	6500 Daylight
Colour Consistency (SDCM)	6
Wattage (W)	27
Product Voltage (V)	4
Dimmable	No
Average life (Nominal) (h)	40000
IP rating	IP20
Product EAN number	5410288273778
Product Visible for Web	Y

### DATA TABLE

#### General data

Technology	LED
Ordering number	0027377
Cap/Base	G13
E-number Sweden	8292180
E-number Finland	4740447
Notes	Non dimmable

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<b>Range features</b>	ToLEDo T8 V4 is a range of energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps. ToLEDo T8 V4 shares same glass construction design as traditional fluorescent T8 tubes and benefits from omnidirectional 320-degree uniform light distribution. A+ energy rating with 100 lm/W makes ToLEDo T8 V4 perfect for customers looking for affordable and energy efficient LED solution to replace the conventional fluorescent T8 lamp. High switching cycles and 40,000 hours life span keeps maintenance cost low and gives complete peace of mind to customers. Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots and maintenance free applications. ToLEDo T8 V3 is compatible with electromagnetic gears and also suitable for direct mains operation.
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<b>Tender text</b>	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 - 0.90. 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.
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<b>Product name</b>	ToLEDo T8 V4 5FT 27W 2700LM 865
<b>Lamp finish</b>	Frosted
<b>Burning position</b>	Universal
<b>Lamp shape</b>	LED Tubes T8
<b>Control gear availability</b>	No
<b>General application</b>	Logistics & Industry, Education, Residential & Consumer, Office, Hospitality, Retail, Museums & Galleries,
<b>Sales pack quantity</b>	10
<b>Operating Temperature Range (°C)</b>	25
<b>ETIM Class</b>	EC001959

### Optical data

<b>No. of switching cycles before premature failure (min)</b>	200000
<b>Certifications</b>	EUERL010
<b>Luminous flux (lm)</b>	2700
<b>Luminous flux (Rated) (lm)</b>	2700
<b>Efficacy (lm/w)</b>	100
<b>Colour temperature (K)</b>	6500
<b>Correlated colour temperature range (K)</b>	6500
<b>Light colour</b>	6500 Daylight
<b>Colour Consistency (SDCM)</b>	6
<b>Adjustable chromaticity</b>	N
<b>Lumen maintenance at end of nominal life (%)</b>	70

### Electrical data

<b>Watt (Rated) (W)</b>	27
<b>Wattage (W)</b>	27

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Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	< 1s => 60%
Current (A)	0.12
Mains voltage (V)	230V~
Product Voltage (V)	4
Lamp power factor	0.9
Control gear required	No
No. Of switching cycles before premature failures	200000
Transformer required	No
Dimmable	No
Lamp Energy Label (class)	A+
Energy efficiency level	A+
kWh per 1000 hours burning time	27

### Lifetime data

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

### Physical data

Lamp included	No
Lamp_equiv_dim_equal	Yes
Diameter (mm)	28
Single package volume (dm3)	3.34328
Single product gross weight (kg)	0.484
Single packaging weight (kg)	0.2
Outer package net weight (kg)	2.84
Outer package gross weight (kg)	5.849
Outer package volume (dm3)	50.715
Outer packaging weight (kg)	3.009
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

Single packaging type	Carton
Product EAN number	5410288273778
Packaging single length (cm)	158.0
Packaging single width (cm)	4.6
Packaging single height (cm)	4.6
DUN14 (outer)	15410288273775
Units per outer package	10
Packaging outer length (cm)	160.5
Packaging outer width (cm)	25.9
Packaging outer height (cm)	12.2

## ToLEDo T8

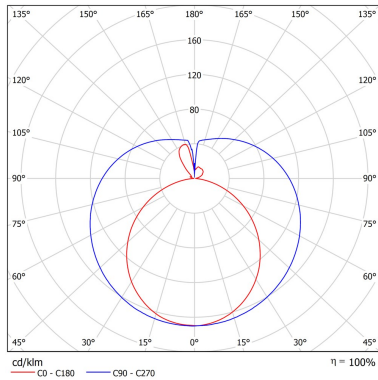
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0027377

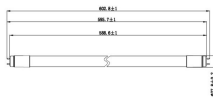
### Safety data

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

### PHOTOMETRY



### TECHNICAL DRAWINGS



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