

ToLEDo T8 CCG and AC

ToLEDo T8 V7 5FT 2700LM 830 RL
0029297



Product features

- Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps
- Omni-directional uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubes
- High lumen package - 2700lm
- High lumen efficacy - 106 lm/W
- Switching cycles - 200,000X
- Average life 40,000 hours lifespan
- Lamp length - 1500mm
- Wide beam angle
- High power factor
- 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 / CCG and direct mains operation (220-240V)
- 3-Year warranty



PRODUCT OVERVIEW

Product name	ToLEDo T8 V7 5FT 2700LM 830 RL
Technology	LED
Watt (Rated) (W)	25.5
Lamp shape	Tube, double-ended
Type	LED exchangeable
Cap/Base	G13
Lamp finish	Opal
Fixture rating	Open
General application	Hospitality, Logistics & Industry, Residential & Consumer
ETIM Class	EC001959
E-number FI	4941315
Warranty	3 years
Luminous flux (lm)	2700
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	170
Photobiological Risk Group	RG0
Wattage (W)	25.5
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	40000
IP rating	IP20
Product EAN number	5410288292977

DATA TABLE

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General data

Product name	ToLEDo T8 V7 5FT 2700LM 830 RL
Technology	LED
Watt (Rated) (W)	25.5
Lamp shape	Tube, double-ended
Type	LED exchangeable
Cap/Base	G13
Lamp finish	Opal
Fixture rating	Open
General application	Hospitality, Logistics & Industry, Residential & Consumer
Operating temperature range (°C)	-20°C...+55°C
Performance ambient temperature T _a (°C)	25
ETIM Class	EC001959
E-number FI	4941315
Warranty	3 years

Optical data

Luminous flux (lm)	2700
Luminous flux (Rated) (lm)	2700
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	170
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	25.5
Watt (Rated) - High frequency (W)	25.5
Product Voltage (V)	230
Lamp power factor	0.91
Mains frequency (Hz)	25.5
Control gear required	No
No. Of switching cycles before premature failures	>200000
Transformer required	No
Dimmable	No
Inrush Current (A)	19.4
Inrush Duration (µs)	614
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	17
Max. Luminaires per 16A B Breaker	10

Lifetime data

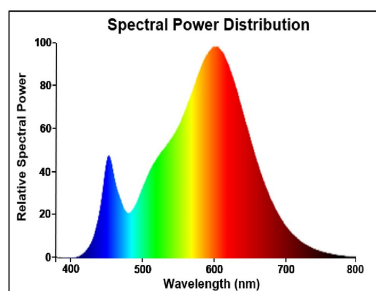
Lifespan L70 B50	40000
Average life (Nominal) (h)	40000

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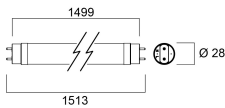
Average life (Rated) (h)	40000
Physical data	
IP rating	IP20
Nominal Product Length (mm)	1513
Nominal Product Diameter (mm)	28
Weight (kg)	0.26
Packaging	
Single packaging type	Carton
Product EAN number	5410288292977
Packaging single length / height (cm)	155.5
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.9
DUN14 (outer)	15410288292974
Units per outer package	10
Packaging outer length / height (cm)	161.0
Packaging outer width (cm)	22.0
Packaging outer depth (cm)	10.5
Safety data	
Optimal operating condition (°C)	-20-55
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Suitable for household illumination	Yes
Safety message	Suitable for totally enclosed fixture

PHOTOMETRY

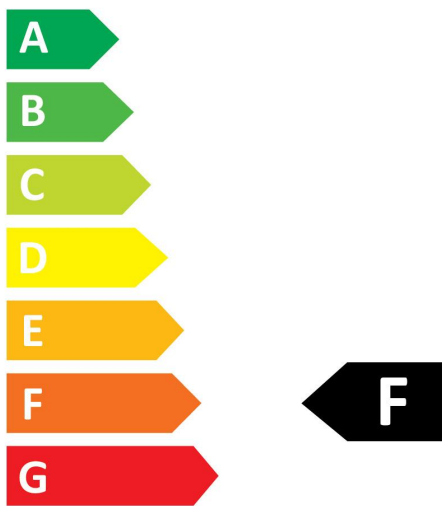


TECHNICAL DRAWINGS

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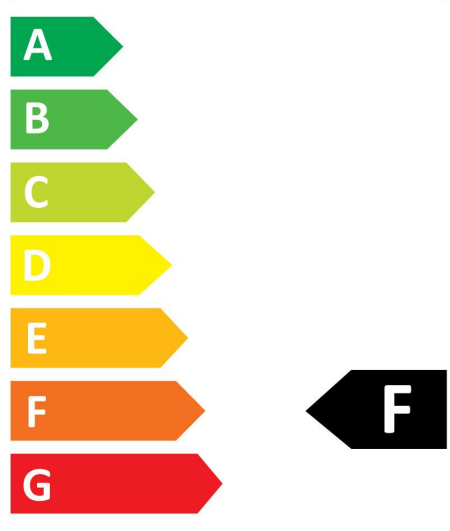
26
kWh/1000h



2019/2015

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**ENERG**
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26
kWh/1000h

