



Features

- 50,000 hours average rated life Last 2.5 times longer than 600mm 18W fluorescent T8 Tri-phosphor lamp
- High switching cycles – 200,000X High lumen efficacy - 147lm/W Omni-directional light distribution and wide beam angle
- Minimum and maximum operating temperature: -20°C to 50°C Glass construction and polycarbonate end-caps
- Works only with compatible electronic ballast
- Must replace the fluorescent starter with LED dummy starter when used with magnetic/ CCG ballast
- Suitable for direct mains operation (AC 220-240V) with single-end AC input
- Ideal for factories, parking lots, supermarkets, department stores, schools and offices

Product Overview

Product name	ToLEDo Superia T8 Universal V3 2FT 1100LM 840
Technology	LED
Watt (Rated) (W)	7.5
Lamp shape	Tube, double-ended
Type	LED exchangeable
Lamp finish	Opal
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
E-number FI	4940794
Luminous flux (lm)	1100
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	160
Photobiological Risk Group	RG0

ToLEDo Superia T8 Universal V3 2FT 1100LM 840
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Wattage (W)	7.5
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	50000
IP rating	IP20
Product EAN number	5410288292731
Warranty	5 years

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Superia T8 Universal V3 2FT 1100LM 840
Technology	LED
Watt (Rated) (W)	7.5
Lamp shape	Tube, double-ended
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General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4940794
Warranty	5 years

OPTICAL DATA

Luminous flux (lm)	1100
Luminous flux (Rated) (lm)	1100
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	160
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	7.5
Product Voltage (V)	230
Lamp power factor	0.8
Control gear required	No
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Inrush Current (A)	9.2
Inrush Duration (µs)	57
Lamp Energy Label (class)	D

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Max. Luminaires per 16A C Breaker	85
Max. Luminaires per 16A B Breaker	140

LIFETIME DATA

Lifespan L70 B50	50000
Average life (Nominal) (h)	50000
Average life (Rated) (h)	50000

PHYSICAL DATA

IP rating	IP20
Nominal Product Length (mm)	603
Nominal Product Diameter (mm)	28
Weight (kg)	0.09

PACKAGING

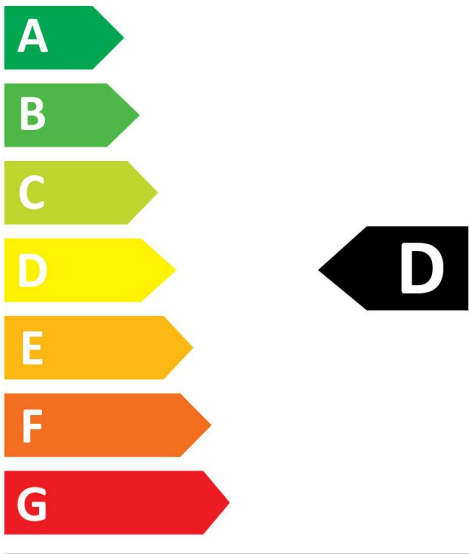
Single packaging type	Carton
Product EAN number	5410288292731
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288292738
Units per outer package	10
Packaging outer length / height (cm)	60.7
Packaging outer width (cm)	21.0
Packaging outer depth (cm)	11.5

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	None

Energy label

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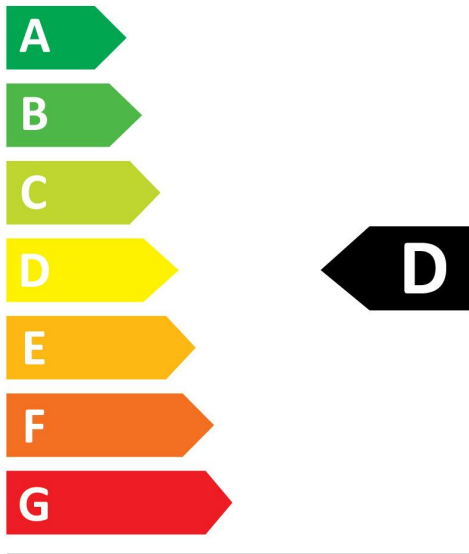


8
kWh/1000h



2019/2015

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