

## ToLEDo Superia T8 UNIVERSAL

TOLEDO SUPERIA T8 UNI 4FT 2400LM 16W 865  
0027892



### Product features

- 60,000 hours average rated life (L70 F50) Last 3 times longer than 1200mm 36W fluorescent T8 Tri-phosphor lamp
- High switching cycles - 200,000X
- High lumen efficacy - 150lm/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 UNI 4FT 2400LM 16W 865
Technology	LED
Watt (Rated) (W)	16
Lamp shape	Tube, double-ended
Cap/Base	G13
Lamp finish	Frosted/Coated
General application	Office, Hospitality, Retail, Logistics & Industry, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
E-number FI	4740671
Warranty	5 years
Luminous flux (lm)	2400
Colour temperature (K)	6500
Light colour	Daylight
CRI (Ra)	80
Beam Angle (°)	230
Wattage (W)	16
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	60000
IP rating	IP20
Product EAN number	5410288278926

## DATA TABLE

### General data

Product name	TOLEDO SUPERIA T8 UNI 4FT 2400LM 16W 865
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Performance ambient temperature Tq (°C) 25

ETIM Class EC001959

E-number FI 4740671

Warranty 5 years

### Optical data

Luminous flux (lm) 2400

Luminous flux (Rated) (lm) 2400

Colour temperature (K) 6500

Light colour Daylight

Colour Code 865

CRI (Ra) 80

Beam Angle (°) 230

Lumen maintenance at end of nominal life (%) 70

### Electrical data

Wattage (W) 16

Watt (Rated) - High frequency (W) 16

Starting time (max) (s) 0.5

Warm-up time to 60% of full light (max) (s) <2

Current (A) 0.085

Mains voltage (V) 220-240V~

Product Voltage (V) 230

Lamp power factor 0.93

No. Of switching cycles before premature failures >200000

Dimmable No

Inrush Current (A) 18

Inrush Duration (µs) 31

kWh per 1000 hours burning time 16

### Lifetime data

Average life (Nominal) (h) 60000

Average life (Rated) (h) 60000

### Physical data

IP rating IP20

Nominal Product Length (mm) 1200

Nominal Product Diameter (mm) 28

Max. Length base to base (mm) - A 1199

Length base to pin Min-Max (mm) - B 1206

Max. Lamp Length (mm) - C/L 1213

Max. Lamp Diameter (mm) - D 28

Weight (kg) 0.254

### Packaging

Single packaging type Carton

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Product EAN number	5410288278926
Packaging single length / height (cm)	122.0
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.9
DUN14 (outer)	15410288278923
Units per outer package	10
Packaging outer length / height (cm)	127.5
Packaging outer width (cm)	21.3
Packaging outer depth (cm)	11.5

### Safety data

Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Suitable for household illumination	Yes
Safety message	Suitable for totally enclosed fixture