

## ToLEDo Superia T8 UNIVERSAL

TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830  
0027890



### 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 - 138lm/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

IPC Code	0027890
Product name	TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830
Technology	LED
Watt (Rated) (W)	16
Lamp shape	T8
Cap/Base	G13
Lamp finish	Frosted
General application	Office, Hospitality, Retail, Logistics & Industry, Education, Residential & Consumer, Museums & Galleries,
Certifications	EUERL010
ETIM Class	EC001959
E-number FI	4740669
Luminous flux (lm)	2400
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Wattage (W)	16
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	60000
IP rating	IP20
Product EAN number	5410288278902

### DATA TABLE

#### General data

IPC Code	0027890
Product name	TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830
Technology	LED
Watt (Rated) (W)	16
Lamp shape	T8
Cap/Base	G13
Lamp finish	Frosted

## ToLEDo Superia T8 UNIVERSAL

TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830  
0027890

General application	Office,Hospitality,Retail,Logistics & Industry,Education,Residential & Consumer,Museums & Galleries,
Operating temperature rated (°C)	25
Certifications	EUERL010
ETIM Class	EC001959
E-number FI	4740669

### Optical data

Luminous flux (lm)	2400
Luminous flux (Rated) (lm)	2400
Rated lamp efficacy 100h HF at 25°C (lm/W)	2400
Colour temperature (K)	3000
Light colour	Warm White
Colour Code	830
CRI (Ra)	80
Beam angle (Rated) (°)	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
Lamp Energy Label (class)	A++
kWh per 1000 hours burning time	18

### 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

## ToLEDo Superia T8 UNIVERSAL

*TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830*  
0027890

<b>Max. Lamp Diameter (mm) - D</b>	28
<b>Weight (kg)</b>	0.254

### Packaging

<b>Single packaging type</b>	Carton
<b>Product EAN number</b>	5410288278902
<b>Packaging single length / height (cm)</b>	122.0
<b>Packaging single width (cm)</b>	2.9
<b>Packaging single depth (cm)</b>	2.9
<b>DUN14 (outer)</b>	15410288278909
<b>Units per outer package</b>	10
<b>Packaging outer length / height (cm)</b>	127.5
<b>Packaging outer width (cm)</b>	21.3
<b>Packaging outer depth (cm)</b>	11.5

### Safety data

<b>Breakage cleaning instructions</b>	Not applicable
<b>Special purpose lamp</b>	No
<b>Intended purpose</b>	General lighting
<b>Suitable for household illumination</b>	Yes
<b>Safety message</b>	Suitable for totally enclosed fixture

ToLEDo Superia T8 UNIVERSAL  
TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830  
0027890

