

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

Product name	TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830
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	4740669
Warranty	5 years
Luminous flux (lm)	2200
Colour temperature (K)	3000
Light colour	Warm White
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	5410288278902

DATA TABLE

General data

Product name	TOLEDO SUPERIA T8 UNI 4FT 2200LM 16W 830
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Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740669
Warranty	5 years

Optical data

Luminous flux (lm)	2200
Luminous flux (Rated) (lm)	2200
Colour temperature (K)	3000
Light colour	Warm White
Colour Code	830
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	5410288278902
Packaging single length / height (cm)	122.0
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.9
DUN14 (outer)	15410288278909
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