

ToLEDo Superia T8 UNIVERSAL

TOLEDO SUPERIA T8 UNI 5FT 3600LM 24W 840
0027894



Product features

- 60,000 hours average rated life (L70 F50) Last 3 times longer than 1500mm 58W 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 5FT 3600LM 24W 840
Technology	LED
Watt (Rated) (W)	24
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	4740673
Warranty	5 years
Luminous flux (lm)	3600
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	80
Beam Angle (°)	230
Wattage (W)	24
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	60000
IP rating	IP20
Product EAN number	5410288278940

DATA TABLE

General data

Product name	TOLEDO SUPERIA T8 UNI 5FT 3600LM 24W 840
Technology	LED
Watt (Rated) (W)	24
Lamp shape	Tube, double-ended
Cap/Base	G13
Lamp finish	Frosted/Coated
General application	Office, Hospitality, Retail, Logistics & Industry, Education, Residential & Consumer, Museums & Galleries

ToLEDo Superia T8 UNIVERSAL

TOLEDO SUPERIA T8 UNI 5FT 3600LM 24W 840
0027894

Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740673
Warranty	5 years

Optical data

Luminous flux (lm)	3600
Luminous flux (Rated) (lm)	3600
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	80
Beam Angle (°)	230
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	24
Watt (Rated) - High frequency (W)	24
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	<2
Current (A)	0.122
Mains voltage (V)	220-240V
Product Voltage (V)	230
Lamp power factor	0.94
No. Of switching cycles before premature failures	>200000
Dimmable	No
Inrush Current (A)	18
Inrush Duration (µs)	31
kWh per 1000 hours burning time	24

Lifetime data

Average life (Nominal) (h)	60000
Average life (Rated) (h)	60000

Physical data

IP rating	IP20
Nominal Product Length (mm)	1500
Nominal Product Diameter (mm)	28
Max. Length base to base (mm) - A	1499
Length base to pin Min-Max (mm) - B	1506
Max. Lamp Length (mm) - C/L	1513
Max. Lamp Diameter (mm) - D	28
Weight (kg)	0.305

Packaging

Single packaging type	Carton
-----------------------	--------

ToLEDo Superia T8 UNIVERSAL

TOLEDO SUPERIA T8 UNI 5FT 3600LM 24W 840
0027894

Product EAN number	5410288278940
Packaging single length / height (cm)	152.0
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.9
DUN14 (outer)	15410288278947
Units per outer package	10
Packaging outer length / height (cm)	157.5
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