



Features

- Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps. Omnidirectional 320° uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubes. High lumen efficacy - 100 lm/W. Energy rating - A+. Switching cycles - 100,000X. Average rated life 20,000 hours lifespan (L70 F50). Wide beam angle - 220°. High power factor - 0.50. Suitable for general illumination in offices, supermarkets, department stores, parking lots. Suitable for operation with electromagnetic gears and direct mains operation (220-240V). 2-Year warranty.

Product Overview

Product name	TOLEDO T8 5FT 2000LM 840 20K
Technology	LED
Watt (Rated) (W)	20
Cap/Base	G13
General application	Logistics & Industry, Education, Residential & Consumer, Office
ETIM Class	EC001959
E-number FI	4940760
Luminous flux (lm)	2000
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Wattage (W)	20
Product Voltage (V)	230
Average life (Nominal) (h)	20000
Product EAN number	5410288282367
Warranty	2 years

Data table

TOLEDO T8 5FT 2000LM 840 20K 0028236

GENERAL DATA

Product name	TOLEDO T8 5FT 2000LM 840 20K
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OPTICAL DATA

Luminous flux (lm)	2000
Luminous flux (Rated) (lm)	2000
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	20
Equivalent watt (W)	58
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	1
Product Voltage (V)	230
Lamp power factor	0.55
Control gear required	No
No. Of switching cycles before premature failures	>50000
Inrush Current (A)	4
Max. Luminaires per 10A C Breaker	115

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Max. Luminaires per 16A C Breaker	184
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Max. Luminaires per 20A C Breaker	230
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LIFETIME DATA

Average life (Nominal) (h)	20000
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Average life (Rated) (h)	20000
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PHYSICAL DATA

Nominal Product Length (mm)	1513
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Nominal Product Diameter (mm)	28
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Max. Length base to base (mm) - A	1499
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Weight (kg)	0.264
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PACKAGING

Single packaging type	Carton
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Product EAN number	5410288282367
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Packaging single length / height (cm)	155.5
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Packaging single width (cm)	2.75
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Packaging single depth (cm)	2.75
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DUN14 (outer)	15410288282364
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Units per outer package	10
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Packaging outer length / height (cm)	159.7
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Packaging outer width (cm)	22.6
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Packaging outer depth (cm)	11.7
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SAFETY DATA

Breakage cleaning instructions	Not applicable
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Special purpose lamp	No
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Dry applications use only	No
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Suitable for household illumination	Yes
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Safety message	Not Suitable for totally enclosed fixtures
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