

TOLEDO T8 5FT 2000LM 840 20K

Item No: 0028236

SYLVANIA



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.

Technical Assets

Photometrics

General data

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
Warranty	2 years

Optical data

Useful luminous flux (Φ_{use})	2000
Luminous flux (lm)	2000
Luminous flux (Rated) (lm)	2000
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Lumen maintenance at end of nominal life (%)	70

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Electrical data

Power consumption (W)	20
Wattage (W)	20
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	1
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.55
No. Of switching cycles before premature failures	>50000
Inrush Current (A)	4
Max. products per 10A C Breaker	115
Max. products per 16A C Breaker	184
Max. products per 20A C Breaker	230

Lifetime data

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

Physical data

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

Packaging

Product EAN number	5410288282367
Packaging single length / height (cm)	155.5
Packaging single width (cm)	2.75
Packaging single depth (cm)	2.75
DUN14 (inner)	15410288282364
Units per outer package	10
Packaging outer length / height (cm)	159.7
Packaging outer width (cm)	22.6
Packaging outer depth (cm)	11.7

Safety data

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