ToLEDo T8 CCG and AC 20K
TOLEDO T8 4FT 1600LM 840 20K
0028233

Product 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 4FT 1600LM 840 20K
Technology	LED
Watt (Rated) (W)	16
Cap/Base	G13
General application	Logistics & Industry, Education, Residential & Consumer, Office,
ETIM Class	EC001959
E-number FI	4940756
Warranty	2 years
Luminous flux (lm)	1600
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Wattage (W)	16
Product Voltage (V)	230
Average life (Nominal) (h)	20000
Product EAN number	5410288282336

DATA TABLE

General data

Product name	TOLEDO T8 4FT 1600LM 840 20K
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Optical data

Luminous flux (lm)	1600
Luminous flux (Rated) (lm)	1600
Colour temperature (K)	4000
Light colour	Cool White

CRI (Ra)	80
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	16
Equivalent watt (W)	36
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
No. Of switching cycles before premature failures	>50000
Inrush Current (A)	3
Lamp Energy Label (class)	A+
Max. Luminaires per 10A C Breaker	143
Max. Luminaires per 16A C Breaker	230
Max. Luminaires per 20A C Breaker	287

Lifetime data

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

Physical data

Nominal Product Length (mm)	1212
Nominal Product Diameter (mm)	28
Max. Length base to base (mm) - A	1198
Weight (kg)	0.208

Packaging

Single packaging type	Carton
Product EAN number	5410288282336
Packaging single length / height (cm)	125.5
Packaging single width (cm)	2.75
Packaging single depth (cm)	2.75
DUN14 (outer)	15410288282333
Units per outer package	10
Packaging outer length / height (cm)	129.7
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

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A++
A+
A
B
C
D
E

A+

16 kWh/1000h