SYLVANIA

ToLEDo T8 CCG and AC
TOLEDO T8 V4 4FT 20W 2000LM 840 RL
0027805

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 package - 2000 lm/W. High lumen efficacy - 100 lm/W. Energy rating - A+. Switching cycles - 200,000X. Average life 40,000 hours lifespan (L70 F50). Wide beam angle - 220°. High power factor - 0.90. Suitable for general illumination in offices, supermarkets, department stores, train stations, petrol stations, parking lots and maintenance free applications. Suitable for operation with electromagnetic gears and direct mains operation (220-240V). 3-Year warranty.

PRODUCT OVERVIEW

IPC Code	0027805
Product name	TOLEDO T8 V4 4FT 20W 2000LM 840 RL
Technology	LED
Watt (Rated) (W)	20
Lamp shape	LED Tubes T8
Lamp finish	Frosted
General application	Logistics & Industry,Education,Residential & Consumer,Office,Hospitality,Retail,Museums & Galleries,
Certifications	EUERL010
ETIM Class	EC001959
Luminous flux (lm)	2000
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Wattage (W)	20
Product Voltage (V)	4
Dimmable	No
Average life (Nominal) (h)	40000
IP rating	IP20
Product EAN number	5410288278056

DATA TABLE

General data

IPC Code	0027805
Product name	TOLEDO T8 V4 4FT 20W 2000LM 840 RL
Technology	LED
Watt (Rated) (W)	20
Lamp shape	LED Tubes T8
Lamp finish	Frosted
General application	Logistics & Industry,Education,Residential & Consumer,Office,Hospitality,Retail,Museums & Galleries,
Operating temperature rated (°C)	25

Certifications	EUERL010
ETIM Class	EC001959

Optical data

Luminous flux (lm)	2000
Luminous flux (Rated) (lm)	2000
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	80
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	20
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	< 1s => 60%
Current (A)	0.095
Mains voltage (V)	230V~
Product Voltage (V)	4
Lamp power factor	0.9
Control gear required	No
No. Of switching cycles before premature failures	200000
Transformer required	No
Dimmable	No
Lamp Energy Label (class)	A+
Energy efficiency level	A+
kWh per 1000 hours burning time	20

Lifetime data

Average life (Nominal) (h)	40000
Average life (Rated) (h)	40000

Physical data

IP rating	IP20
Nominal Product Length (mm)	1213
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)	0.228

Packaging

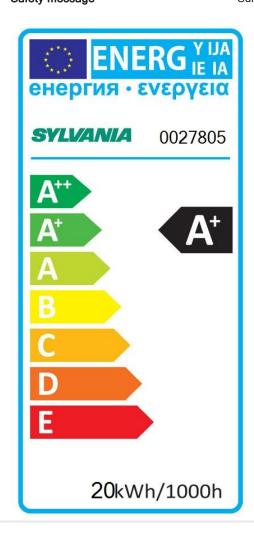|	
Single packaging type	Carton
Product EAN number	5410288278056
Packaging single length / height (cm)	128.0

Packaging single width (cm)	4.6
Packaging single depth (cm)	4.6
DUN14 (outer)	15410288278053
Units per outer package	10
Packaging outer length / height (cm)	130.5
Packaging outer width (cm)	25.9
Packaging outer depth (cm)	12.2

Safety data

Breakage cleaning instructions	Not applicable
Recommendation for disposal at end of life	Not Applicable
Special purpose lamp	No
Intended purpose	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Suitable for accent lighting	Yes
Safety message	Suitable for totally enclosed fixture