



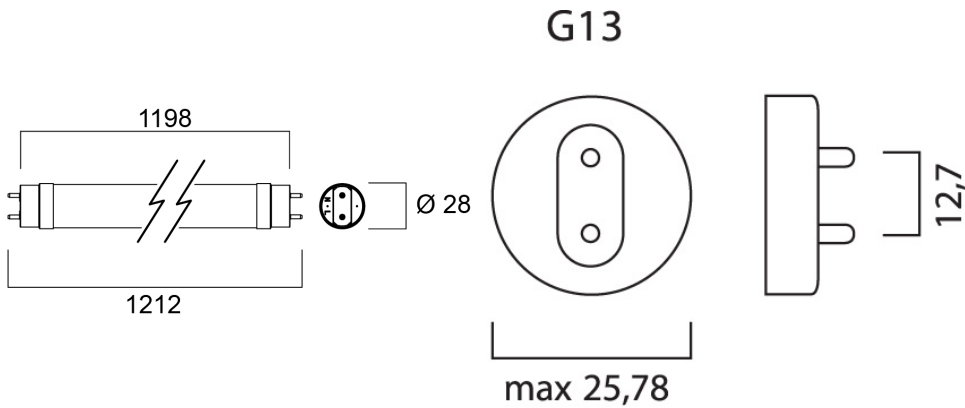
### Features

- Energy efficient and affordable LED T8 solution to replace conventional fluorescent T8 lamps
- Omni-directional uniform light distribution thanks to glass tube construction design, same as traditional fluorescent T8 tubes
- High lumen package - 2000lm
- High lumen efficacy - 150 lm/W
- Switching cycles - 200,000X
- Average life 50,000 hours lifespan
- Lamp length - 1200mm
- Wide beam angle
- High power factor
- 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 / CCG and direct mains operation (220-240V)
- 5-Year warranty

### Product Overview

Product name	ToLEDo AVANT T8 CCG L1200 2000LM 840 50K RL
Technology	LED
Cap/Base	G13
E-number FI	4941345
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG0
Wattage (W)	13.3
IP rating	IP20
Product EAN number	5410288302409
Warranty	5 years

## Technical drawings



## Data table

### GENERAL DATA

<b>Product name</b>	ToLEDo AVANT T8 CCG L1200 2000LM 840 50K RL
<b>Technology</b>	LED
<b>Cap/Base</b>	G13
<b>Operating temperature range (°C)</b>	-20°C...+55°C
<b>E-number FI</b>	4941345
<b>Warranty</b>	5 years

### OPTICAL DATA

<b>Colour temperature (K)</b>	4000
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	6
<b>Photobiological Risk Group</b>	RG0

### ELECTRICAL DATA

## ToLEDo AVANT T8 CCG L1200 2000LM 840 50K RL 0030240

Wattage (W)	13.3
Current (A)	0.08
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Control gear required	No
Inrush Current (A)	10.4
Inrush Duration ( $\mu$ s)	260
Lamp Energy Label (class)	D

### LIFETIME DATA

Lifespan L70 B50	50000
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### PHYSICAL DATA

IP rating	IP20
Nominal Product Length (mm)	1198
Nominal Product Diameter (mm)	28
Weight (kg)	0.2

### PACKAGING

Single packaging type	Carton
Product EAN number	5410288302409
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.9
DUN14 (outer)	15410288302406
Packaging outer length / height (cm)	130.0

### SAFETY DATA

Optimal operating condition ( $^{\circ}$ C)	-20-55
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No
Safety message	Suitable for totally enclosed fixture

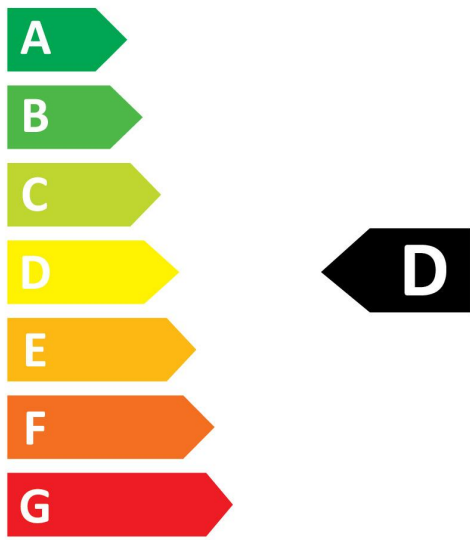
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ToLEDo AVANT T8 CCG L1200 2000LM 840 50K RL  
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## Energy label



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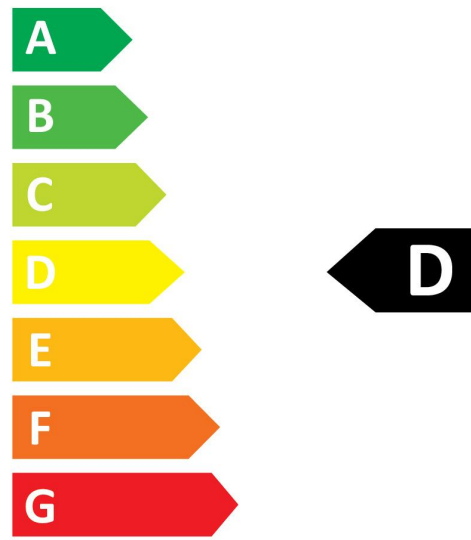
**14**  
kWh/1000h



2019/2015



0030240



**14**  
kWh/1000h



2019/2015

Light your world