



## TUBOLED GLASS VB 25.000 H

### Typology

T8 LED tubes with 25,000h lifetime.

### Features

Replacing 18W, 36W and 58W T8 tubes: high energy saving.  
Immediate switch on, no flickering or buzzes.  
Great flux maintenance.

### Material

Glass body; aluminium cap.

### Applications

Laboratories, production areas, garages, service corridors, commercial installations.

### Usage information

Do not use with dimmer.  
In case fluorescent tubes must be replaced, follow the simple assembly instructions indicated.  
See instructions on the website.  
Do not use in in-series installations.



### Characteristic data

Power	20 W	Beam	330°	Dimmable	No	Input	220-240 Vac
Base	G13	IP	20	Flux	2740 lm	PF	0.7
Tc	4000 K	Ra	>80	LED Warranty	G2		

### Dimensional characteristics



L	1500 mm
Ø	29 mm

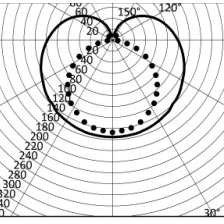
## Lighting and photometric features

Beam opening	330°
Flux	2740 lm
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	>80
Lifespan	25000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

## Electrical characteristics

Rated power	20 W
Input voltage	220-240 Vac
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0.7
Input current	0.21 A
Weighted energy consumption	20 kWh/1000h
Energy efficiency class	D
Operating temperature	-20°C / +35°C
Operating position	360°

## Photometry

	4000K	
	Ra80	
	Fixture Power	22W
	Source Flux	2500lm
	Fixture Flux	2500lm
	Efficacy	112lm/W
	1	Imax=175cd/klm

EulumDat file on the site

## LED Warranty

G2	Up to 2 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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## European Directives

2009/125/EC \* Ecodesign  
2011/65/EU \* RoHS  
2012/19/EU \* RAEE  
2014/30/EU \* EMC (Compatibilità Elettromagnetica)  
2014/35/EU \* LVD (Bassa Tensione)  
2015/863 \* Amending RoHS  
2017/1369 \* Regulation for Energy Labelling  
2019/2015 \* Regulation for Energy Labelling  
2019/2020 \* Regulation for Ecodesign  
2021/340 \* Amending Reg. Energy Labelling  
2021/341 \* Amending Reg. Ecodesign

## Product standards

CEI EN 55015:2020 (+A11:2020)  
CEI EN 60968:2016  
CEI EN 61000-3-2:2019 (+A1:2021)  
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)  
CEI EN 61547:2010  
CEI EN 62031:2021 (+A11:2022)  
CEI EN 62471:2010  
IEC/TR 62471-2:2009  
CEI EN 62560:2013 (+A1:2017/+A11:2020)  
CEI EN 62776:2015  
CEI 34-141:2014

## Logistics data

Item net weight	250 gr
Barcode single item	8011905845551
Number of pieces multiple pack	10
Barcode multiple pack	8011905845568