



TUBOLED MICROWAVE LL

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

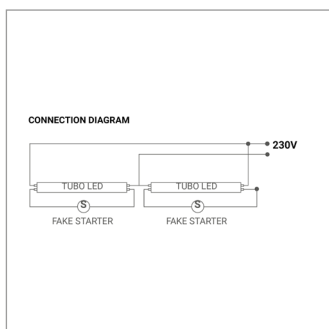
White glass body; aluminium cap.

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.



220-240
Vac

Ra >80

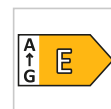


30000 h
L70B50

IP20

G13

-20°C
+45°C



Characteristic data

Power	18 W	Beam	330°	Dimmable	No	Input	220-240 Vac
Base	G13	IP	20	Flux	2160 lm	PF	0.9
Tc	6000 K	Ra	>80	LED Warranty	G2		

Dimensional characteristics



L	1220 mm
ø	26 mm

Lighting and photometric features

Beam opening	330°
Flux	2160 lm
CCT nominal colour temperature	6000 K
Colour of the light	Cool light
Colour rendering index	>80
Lifespan	30000 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	18 W
Input voltage	220-240 Vac
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0.9
Input current	0.019 A
Weighted energy consumption	18 kWh/1000h
Energy efficiency class	E
Operating temperature	-20°C / +45°C
Operating position	360°

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
 2014/35/EU * LVD
 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 34-141:2014

Logistics data

Item net weight	220 gr
Barcode single item	8011905015459
Number of pieces multiple pack	10
Minimum order quantity	10
Minimum packaging	10 / 10