LED T8

LED lamp

Airam LED tubes are long-lasting. LED tubes provide improved light quality and high luminous efficiency, especially in cold conditions. The tubes can be directly replaced with fluorescent tubes using the supplied LED starter. LED tubes are also suitable for luminaires designed specifically for them. Short LED tubes (59 cm and 43.8 cm) are not suitable for connecting two lamps via a single ballast. If the luminaire includes a compensation capacitor, removing it improves the power factor (PF).



Opal T8 LED tube 18W 4000K G13 1850lm 25000h 26x1200mm, cardboard packing. Replaces 36W fluorescent tube. The conventional starter needs to be replaced with the LED starter included in the package. Supply frequency ~50/60Hz.

Stocked: Yes

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4711544	4711544	0.23	LED T8

EC001959 LED Lamp

Electrotechnical data	
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	94 mA
Nominal current (max) (mA)	94 mA
Power factor	0.9
Lamp power (min) (W)	18 W
Lamp power (max) (W)	18 W
Voltage type	AC

ETIM	
Suitable for electronic ballast	No
Suitable for magnetic ballast	Yes
Rated luminous flux according to IEC 62612 (lm)	1850 lm
Lamp efficacy (lm/W)	102 lm/W
Lamp shape	Tube, double-ended
Filament lamp	No
Type of glass/cover	Opal
Cap	G13
Energy efficiency class according to EU regulation 2019/2015	F
Lamp designation	T8
Min. number of switching cycles	500000
Weighted energy consumption in 1,000 hours (kWh)	18 kWh
Average nominal lifespan (h)	25000 h

Photometric data	
Luminous flux (min) (lm)	1850 lm
Luminous flux (max) (lm)	1850 lm
Colour rendering index (CRI/Ra)	80-89
Colour of light acc. EN 12464-1	Neutral 3300-5300 K
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Beam angle (min) (°)	200 °
Beam angle (max) (°)	200 °
Colour consistency (McAdam ellipse)	SDCM6
Photobiological safety according to EN 62471	RG0

Structure	
Material of light bulb	Glass
Colour	White
Housing colour	White

Dimming and control	
Dimmable	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming Bluetooth	No
Dimming Wi-Fi	No
No dimming function	Yes
Remote operation possible	No
With movement sensor	No
With remote control	No
With twilight switch	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Measurements	
Diameter (mm)	26 mm
Length (mm)	1200 mm

Mounting	
Degree of protection (IP)	IP20

AIRAM