LED T8

LED lamp

Airam's Pro series LED tubes are long-lasting and energy-efficient - luminous efficacy is up to 166 lm/W. LED tubes ensure better light quality compared to fluorescent tubes and better light efficiency, especially in cold conditions. The LED tube is suitable for replacing equivalent fluorescent tubes as is. The conventional starter needs to be replaced with the LED starter included in the package. LED tubes are also suitable for luminaires designed for LED tubes. LED tubes are also suitable for direct mains connection (230 V) with a wiring change. The 59-cm tube is not suitable for two-lamp luminaires where the lamps have a shared ballast. If the luminaire has a compensation capacitor, removing it will improve the power factor (Pf).



Opal T8 LED tube 18W 3000K G13 2800lm, high luminosity 155lm/W, 50000h 26x1200mm, cardboard packing. Replaces 36W (120cm) 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
4710223	4710223	0.28	LED T8

EC001959 LED Lamp

Electrotechnical data	
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	82 mA
Nominal current (max) (mA)	82 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)	2800 lm
Lamp efficacy (lm/W)	155 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	D
Lamp designation	T8
Min. number of switching cycles	500000
Weighted energy consumption in 1,000 hours (kWh)	18 kWh
Average nominal lifespan (h)	50000 h

Photometric data	
Luminous flux (min) (lm)	2800 lm
Luminous flux (max) (lm)	2800 lm
Colour rendering index (CRI/Ra)	80-89
Colour of light acc. EN 12464-1	Warm <3300 K
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	3000 K
Beam angle (min) (°)	210 °
Beam angle (max) (°)	210 °
Colour consistency (McAdam ellipse)	SDCM5
Photobiological safety according to EN 62471	RG0

Structure	
Colour	White
Housing colour	White

Dimming and control	
Dimmable	No
Dimming trailing edge	No
Dimming leading edge	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

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