

Retrofit LED Lamps T8 (G13)

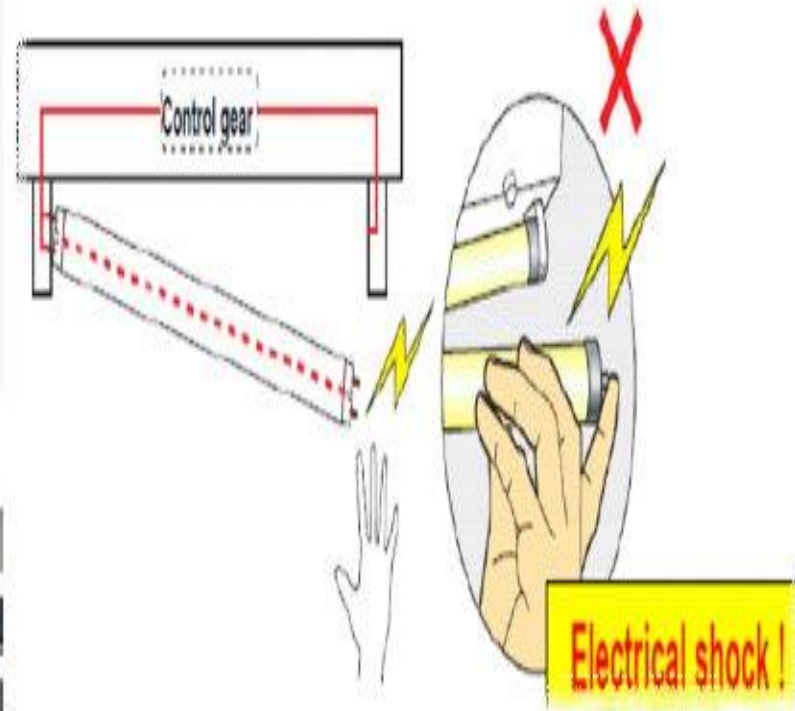
LED lamps designed to retrofit linear fluorescent lamps

Single-End Input

Compatible with
Magnetic Ballast (CCG)
AC in 100-240v

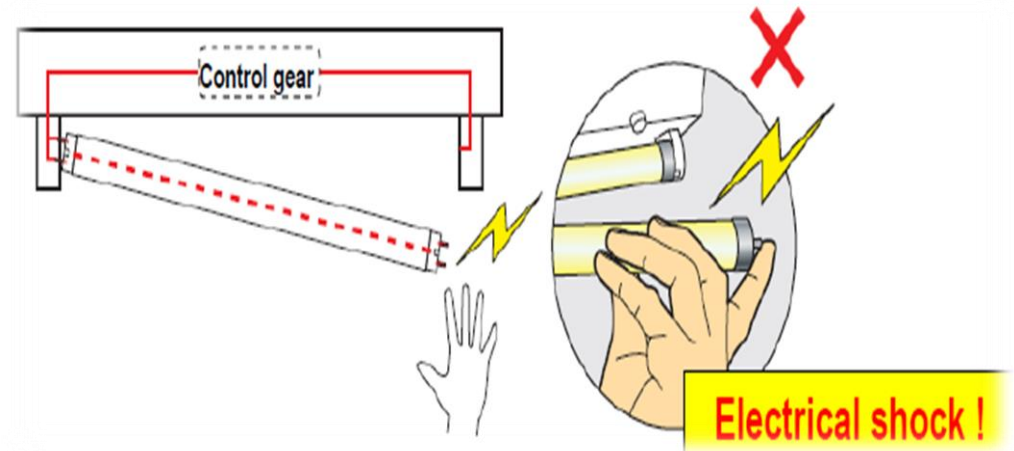


*Easy of use
Direct Replace*



AMRI EM Tube Series Features




- ◆ **Safe replacement.**
- ◆ **Direct Replacement.**
- ◆ **Compatible with Magnetic Ballast
OR Without Ballast. Direct AC IN**
- ◆ **Suitable Single-End Input or Differential-Ends Input
of the luminaire .**
- ◆ **Safety requirements under the standard IEC 62776**



No need to re-wire the fixture, direct plug-and-play, supports Magnetic ballast OR Without Ballast

LED Tube Replace fluorescent lamp List

T8 EM FL Series

Length	1.5m	1.2m	0.6m
T8 FL lamp	58W	40/38/36W	20/18W
AMRI LED T8 Series	 22W	 18W	 9W
Energy-Saving	64%	50%	50%
Energy consumption kWh/1000h	22	18	9
CO₂ Abatement(KW)	23.4 kg-CO ₂	11.7 kg-CO ₂	5.85 kg-CO ₂

AMRI EM Tube Series Proposition



Product Name: LED T8 2F EM Tube

Product Model: AM8EM2FXXK



**Note: 1.Suitable Magnetic Ballast or Without Ballast
2.Must be use LED replacement starter for Differential-Ends Input of the luminaire .**

Item	AM8EM2FXXK-AL
Rated Voltage	AC 85~260V
Rated Current	240mA
Rated Power	9W±1W
Fire Protection Class	UL94V-2

- 一、 Packing List: Led T8 2F; LED replacement starter
- 二、 Replace T8(G13) fluorescent lamp 18/20W
- 三、 **No modifications of the luminaire which the LED lamp is to be used with are to be made.**
- 四、 The ambient temperature range -20 °C ~+60 °C
- 五、 “This lamp is designed for general lighting service (excluding for example explosive atmospheres).”

AMRI EM Tube T8/2F Speciation

Optical Parameters

Model No.	Order No.	Color Temperature	Luminance	Lm/W	CRI	Angles	LED Type	Power
LED T8 2F EM Tube	AM8EM2F30K-GL	3000k	720	80	80	300°	SMD	9W
	AM8EM2F35K-GL	3500k	720	80	80	300°	SMD	9W
	AM8EM2F40K-GL	4000k	765	85	80	300°	SMD	9W
	AM8EM2F50K-GL	5000k	810	90	80	300°	SMD	9W
	AM8EM2F57K-GL	5700k	855	95	80	300°	SMD	9W
	AM8EM2F65K-GL	6500k	900	100	80	300°	SMD	9W

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Product Name: LED T8 4F EM Tube

Product Model: AM8EM4FXXK



Note: 1.Suitable Magnetic Ballast or Without Ballast

2.Must be use LED replacement starter for Differential-Ends Input of the luminaire .

Item	AM8EM4FXXK-GL
Rated Voltage	AC 85~260V
Rated Current	280mA
Rated Power	18W±1W
Fire Protection Class	UL94V-2

一、 Packing List: Led T8 4F; LED replacement starter

二、 Replace T8(G13) fluorescent lamp 38/40W

三、 **No modifications of the luminaire which the LED lamp is to be used with are to be made.**

四、 The ambient temperature range $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

五、 “This lamp is designed for general lighting service (excluding for example explosive atmospheres).”

AMRI EM Tube T8/4F Speciation

Optical Parameters

Model No.	Order No.	Color Temperature	Luminance	Lm/W	CRI	Angles	LED Type	Power
LED T8 4F EM Tube	AM8EM4F30K-GL	3000k	1500	80	80	300°	SMD	18W
	AM8EM4F35K-GL	3500k	1500	80	80	300°	SMD	18W
	AM8EM4F40K-GL	4000k	1550	85	80	300°	SMD	18W
	AM8EM4F50K-GL	5000k	1620	90	80	300°	SMD	18W
	AM8EM4F57K-GL	5700k	1750	95	80	300°	SMD	18W
	AM8EM4F65K-GL	6500k	1800	100	80	300°	SMD	18W

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Product Name: LED T8 5F EM Tube

Product Model: AM8EM5FXXK



Note: 1.Suitable Magnetic Ballast or Without Ballast

2.Must be use LED replacement starter for Differential-Ends Input of the luminaire .

Item	AM8EM5FXXK-GL
Rated Voltage	AC 85~260V
Rated Current	280mA
Rated Power	24W±1W
Fire Protection Class	UL94V-2

一、 Packing List: Led T8 4F; LED replacement starter

二、 Replace T8(G13) fluorescent lamp 58W

三、 **No modifications of the luminaire which the LED lamp is to be used with are to be made.**

四、 The ambient temperature range $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

五、 “This lamp is designed for general lighting service (excluding for example explosive atmospheres).”

AMRI EM Tube T8/5F Speciation

Optical Parameters

Model No.	Order No.	Color Temperature	Luminance	Lm/W	CRI	Angles	LED Type	Power
LED T8 5F EM Tube	AM8EM5F30K-GL	3000k	1680	80	80	300°	SMD	21W
	AM8EM5F35K-GL	3500k	1680	80	80	300°	SMD	21W
	AM8EM5F40K-GL	4000k	1785	85	80	300°	SMD	21W
	AM8EM5F50K-GL	5000k	1890	90	80	300°	SMD	21W
	AM8EM5F57K-GL	5700k	2000	95	80	300°	SMD	21W
	AM8EM5F65K-GL	6500k	2100	100	80	300°	SMD	21W

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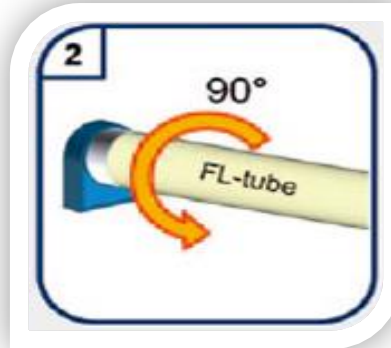
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AMRI EM T8 TUBE

Graphical instruction(Single-End Input)

Schematic steps of removing a fluorescent lamp and inserting LED lamp



Switch off electricity.

Secure the position by turning the lamp by 90° .

Remove the conventional lamp.



Insert the LED lamp into the lamp holder.



Secure the position by turning the lamp by 90° .



Switch on electricity and check for lamp starting.

(IEC 62776).

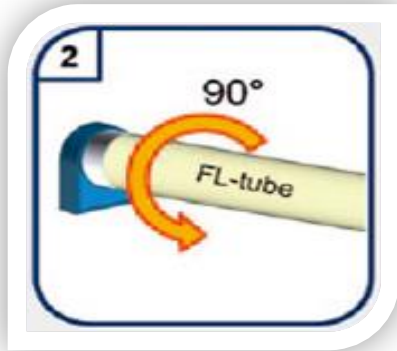
AMRI EM T8 TUBE

Graphical instruction(Differential-Ends Input)

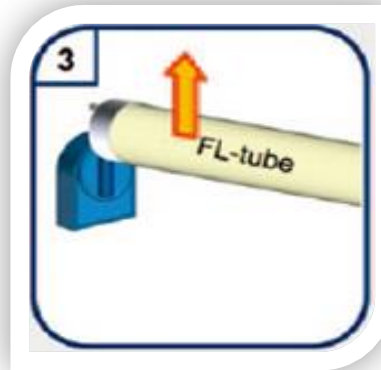
Schematic steps of removing a fluorescent lamp and inserting LED lamp



Switch off electricity.



Secure the position by turning the lamp by 90° .



Remove the conventional lamp.



Remove the starter.



Click the LED replacement starter into the starter holder.



Insert the LED lamp into the lamp holder.



Secure the position by turning the lamp by 90° .



Switch on electricity and check for lamp starting.

(IEC 62776).



Package

Product Name	(PCSCTN)	(G.W.)	(mm)
T8 2ft	30 PCS	6.5 KG	L640 * W260 *H230
T8 4ft	30 PCS	11.5 KG	L1240 * W260 *H230
T8 5ft	30 PCS	9 KG	L1545 * W210 *H185
T5 2 ft	50 PCS	5.5 KG	L580 * W220 *H210
T5 3ft	50 PCS	8.5 KG	L885 * W215 *H215
T5 4ft	50 PCS	10.5 KG	L1180 * W220 * H130
T5 5ft	50 PCS	14 KG	L1485 * W215 * H215

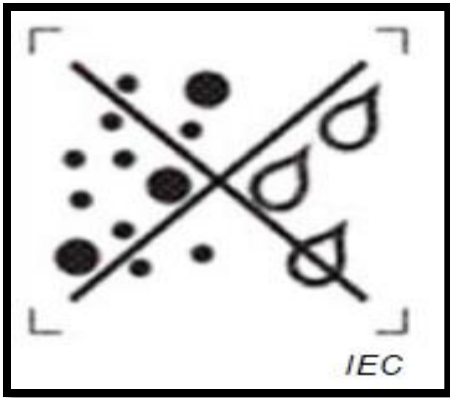
Note:



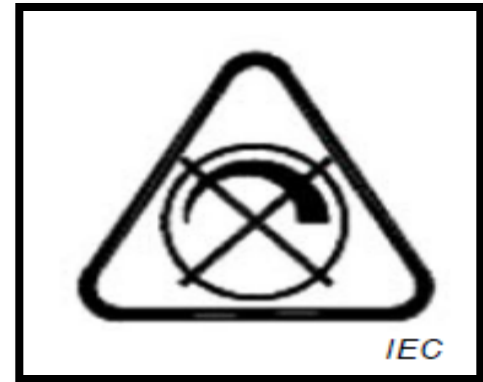
**Lamp suitable for
Electronic Ballast**



**Lamp not suitable for emergency
operation**

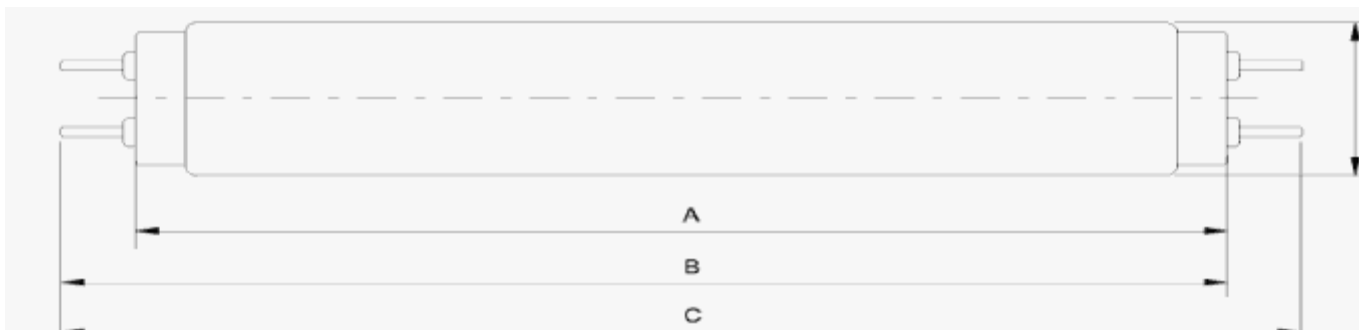


**Lamp to be used in dry conditions
or in a luminaire that provides
protection**



Dimming not allowed

Mechanical Parameters



	A	B		C	D
	Max.	Min.	Max.	Max.	Max.
G13----T8					
T8-600	589.8	594.5	596.9	604.0	28.0
T8-900	894.6	899.3	901.7	908.8	28.0
T8-1200	1199.4	1204.1	1206.5	1213.6	28.0
T8-1500	1500.0	1504.7	1507.1	1514.2	28.0

LED T8/T5 TUBE EM SERIES

Application

Supermarket



Hospital



Office



School



Factory



Public transit

