

Product advantages of **LED Tubes**

- **Massive reduction of current consumption – considerable cost savings!**
- Due to the reduced current consumption **considerably decreased output of CO₂ emissions!**
- Instant fit, replace traditional fluorescent (T5 or T8) tube directly, **no need rewire of fitting (just take out fluorescent tube and insert led tube)**.
- Compatible electronics ballast (HF Ballast), magnetic ballast and AC input directly, and also it is compatible AC one side input or two side input with Pin Safety technology, without change any wires inside the fixtures, compatible with all kinds of ballast.
- **Guaranteed lifetime 5 years.**
- All necessary certifications (i.e. **CE, RoHS**) available.
- **Guaranteed energy saving: -70% with more luminosity.**
- **Maintenance costs (tubes replacing) disappearing.**
- **Efficiency >85%, Power Factor up to 0,95** (without ballast).
- **Top of the range LED (160lm/W)** only from leading suppliers.
- **Straightforward waste disposal, as no harmful or toxic substances** are used according to RoHS European specs.
- T5 and T8 with all standard lengths available.
- 40% less temperature compared with a fluorescent tube.
- **No flickering, no problems with cold starting.**
- Light range from 3000 – 8000K, special LED for meat and vegetables.
- Almost unbreakable (safety at work).
- Constant luminosity irrespective of the outside temperature (cold!).
- **No UV-light (important for outdoor - no insects and hospitals).**
- **Short-term return of investment (typically 6 to 12 months when used 18 hours per day).**

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Certifications

All our products are certified according the following specs:

EN 55015:2006 + A9:2009

EN 61000-3-2:2006

EN 61000-3-3:2008

EN 61547:2009

EN 60598-1:2008 + A11:2009

EN 60825-1:2007

Required for **CE** labelling.

And fulfil

The RoHS regulation (EU Directive 2002/95/EC) Restriction of Hazardous Substances Directive or RoHS

RoHS restricts the use of the following six substances:

1. [Lead](#)
2. [Mercury](#)
3. [Cadmium](#)
4. [Hexavalent chromium](#) (Cr⁶⁺)
5. [Polybrominated biphenyls](#) (PBB)
6. [Polybrominated diphenyl ether](#) (PBDE)

PBB and PBDE are flame retardants used in several plastics.

Our products can use the normal waste disposal as they don't have any toxic substance.

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T5 LED tube

Plug & Play LED T5 TUBE

Not need rewiring, Just Plug and Play



Compatible with electronics ballast

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3in1 LED T5 Tubes:

- **Compatibility of electronics ballast;**
- **Compatibility of magnetic ballast;**
- **Compatibility of AC input directly;**
- **Compatibility of One side and Two side input without need change the wiring of the existing fixture ;**

The 3in1 LED T5 Tubes is new generation of the T5 LED tubes, it is compatible electronics ballast (HF Ballast), magnetic ballast and AC input directly, and also it is compatible AC one side input or two side input with Pin Safety technology, without change any wires inside the fixtures. It is the simplicity and ultra-efficiency LED T5 tubes.

3in1 LED tubes became the quickest and easiest LED tubes to upgrade to LED technology for immediate energy savings over a long and reliable lifetime.

Features:

1. Instant fit, replace traditional fluorescent T5 tube directly, no need rewire.
2. Compatible for both Magnetic ballast and Electronic Ballast, compatible with all kinds of ballast.
3. CE Rohs Certification Approval.
4. SMD2835 led chip, 160Lm/w, CRI>80.
5. Constant current and Isolated power supply PF>0.9.
6. Thickened 0.9mm aluminium radiator for heat dissipation.
7. Long Lifespan 50,000 hours, 5 years warranty.
8. Energy saving up to 80%, inner power efficiency more than 88%, Minimum maintenance costs.

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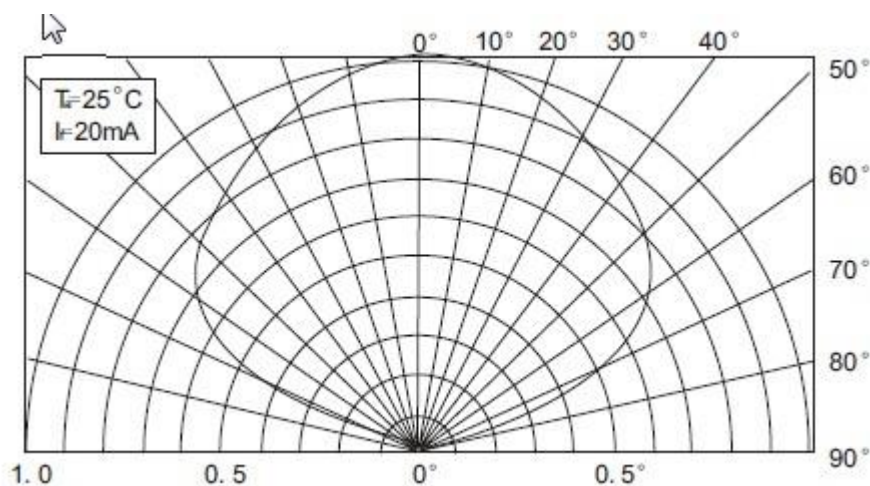
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Part No.	Lenght	Voltage	Wattage	Lumen	CCT	PF	RA
LT-T5-AFH-206A	549mm	AC100-240V	6W	960LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-209A	549mm	AC100-240V	9W	1440LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-312A	849mm	AC100-240V	12W	1920LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-412A	1149mm	AC100-240V	12W	1920LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-418A	1149mm	AC100-240V	18W	2880LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-420A	1149mm	AC100-240V	18W	3200LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-520A	1449mm	AC100-240V	20W	3200LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-525A	1449mm	AC100-240V	25W	4000LM	3000K/4000K/5000K	>0.9	>80
LT-T5-AFH-530A	1449mm	AC100-240V	30W	4650LM	3000K/4000K/5000K	>0.9	>80

Note: The above parameters are for reference only.

Radiation degrees:



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T8 LED tube



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3in1 LED T8 Tubes

- **Compatibilty of electronics ballast;**
- **Compatibity of magnetic ballast;**
- **Compatibity of AC input directly;**
- **Compatibity of One side and Two side input without need change the wiring of the existing fixture ;**

The 3in1 LED T8 Tubes is new generation of the T8 LED tubes, it is compatible electronics ballast (HF Ballast), magnetic ballast and AC input directly, and also it is compatible AC one side input or two side input with Pin Safety technology, without change any wires inside the fixtures. It is the simplicity and ultra-efficiency LED T8 tubes.

3in1 LED tubes became the quickest and easiest LED tubes to upgrade to LED technology for immediate energy savings over a long and reliable lifetime.

Features:

1. Compatible with ballast, instant fit, replace traditional fluorescent T8 tube directly, no need rewire.
2. Compatible for both Magnectic ballast and Electronic Ballast, compatible with all kinds of ballast.
3. CE Rohs Certification Approval.
4. SMD2835 led chip, 160Lm/w, CRI>80.
5. Constant current and Isolated power supply PF>0.9.
6. Thickened 0.9mm aluminum radiator for heat dissipation.
7. Long Lifespan 50,000 hours, 5 years warranty.
8. Energy saving up to 80%, inner power efficiency more than 88%, Minimum maintenance costs.

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Part No.	Lenght	Voltage	Wattage	Lumen	CCT	PF	RA
LT-T8-AFH-209A	60cmt	AC100-240V	9W	1260LM	3000K/4000K/5000K	>0.9	>80
LT-T8-AFH-312A	90cm	AC100-240V	12W	1680LM	3000K/4000K/5000K	>0.9	>80
LT-T8-AFH-418A	120cm	AC100-240V	18W	2890LM	3000K/4000K/5000K	>0.9	>80
LT-T8-AFH-420A	120cm	AC100-240V	20W	3200LM	3000K/4000K/5000K	>0.9	>80
LT-T8-AFH-520A	150cm	AC100-240V	20W	3200LM	3000K/4000K/5000K	>0.9	>80
LT-T8-AFH-525A	150cm	AC100-240V	25W	4000LM	3000K/4000K/5000K	>0.9	>80
LT-T8-AFH-530A	150cm	AC100-240V	30W	4650LM	3000K/4000K/5000K	>0.9	>80

Note: The above parameters are for reference only.

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