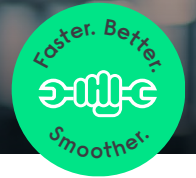


How to select the right LED tube



Finding the right LED tubes for different plans, needs and budgets is easy with the extensive Philips portfolio. Simply follow the three steps below to select the right LED tube for immediate energy savings over a long and reliable lifetime.

Choose Philips LED tubes for:



Pin safety

- Safe to touch the end cap when installing
- Integrated driver isolated from touchable parts
- Meets UL and IEC pin safety requirements



Hassle-free compatibility

- No wires to replace or drivers to change
- InstantFit solutions work with HF electronic ballasts
- Universal LED tubes available – compatible with EM ballast, HF ballast and mains



Fast and easy installation

Philips LED tubes are true retrofit, making it the fastest-to-install solution



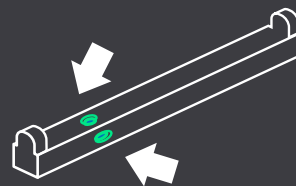
Trusted performance

- Low early failures
- Warranty up to 10 years
- High resistance to switching cycles

#1 What's the existing ballast?

Does your luminaire have a starter?

This illustration shows its typical location in an open or closed luminaire with the length of 1200mm and 1500mm tubes.



Yes

This luminaire works on Electro Magnetic ballast. Simply replace the old starter with the new (EM) LED starter included in the packaging and install the LED tube (EM/Mains or Universal).

No

The luminaire works on High Frequency electronic ballast (HF). No need to change drivers or rewire. Check the ballast compatibility, and choose an InstantFit HF or Universal LED tube.

Rewire to direct mains?

In case your ballast is not compatible, or you prefer to get rid of the ballast. Cut the wires, remove ballast and connect direct to mains. Choose an EM/Mains, Mains or Universal LED tube.

Or choose Universal!

Philips Universal (UN) LED tubes work in every case.

Check out our infographic for detailed info on how to install an LED tube on each ballasts

#02 What's your need and budget?

The extensive Philips portfolio ensures that you always have a quality solution at the price you want.



Choose CorePro LEDtubes for every-day replacement of fluorescent tubes in general applications.



The MASTER Value range offers strong performance in more demanding applications with intense usage.



The MASTER range is the right choice for every project that calls for best in class performance.



MasterConnect LEDtubes are Interact Ready and can be integrated into smart lighting systems for personal and automated light control.



interact ready.

#03 What's your application?

Value and features:	T8 fixture							T5 fixture			
	CorePro LEDtube SO	Core Pro LEDtube UO	MASTER Value LEDtube HO	MASTER Value LEDtube UO	MASTER LEDtube HO	MASTER LEDtube UO	MASTER LEDtube UE	MasterConnect LEDtube	MASTER LEDtube HE	MASTER LEDtube HO	MASTER LEDtube UO
	up to 2200 lm	up to 3500 lm	up to 3100 lm	up to 3700 lm	up to 3100 lm	up to 3700 lm	up to 3700 lm	up to 3700 lm	up to 3000 lm	up to 3900 lm	up to 5600 lm
Industry Burning hours: varies, max. 24/7 Light requirement: 200-500+ lux		✓	✓	✓	✓	✓	✓	✓		✓	✓
Warehouses/factories Burning hours: 12 hrs/day to 24/7 Light requirement: 200-300 lux		✓	✓	✓	✓	✓	✓	✓		✓	✓
Car park Burning hours: 24/7 Light requirement: 200+ lux	✓	✓	✓		✓			✓		✓	
Supermarket/retail Burning hours: 12 hrs/day to 24/7 Light requirement: 500+ lux		✓	✓	✓	✓	✓		✓		✓	
Office/school/healthcare Burning hours: usually 12 hrs/day Light requirement: 500+ lux		✓	✓	✓	✓	✓		✓	✓		
Public buildings Burning hours: 12 hrs/day to 24/7 Light requirement: 100-500+ lux		✓	✓		✓			✓	✓	✓	

We have the right Philips LED product for every job.

Find all you need on [signify.com/installers](https://www.signify.com/installers)