

Master LEDtube

Tube

The Philips Master LEDtube cleverly integrates LED light sources into a traditional fluorescent form factor. Its unique design creates a perfectly familiar and uniform visual appearance which cannot be distinguished from its traditional fluorescent equivalent. For volume usage, and wide-scale applications, the Master LEDtube is great value-for-money, actualizing your projects within limited budgets and easy re-lamping works can be done to achieve better light effects and lifetime.

Features

- Fit-and-forget LED tube, a direct replacement for T8 fluorescent tube
- Energy consumption >50% lower than fluorescent tubes
- Lifetime up to 50,000hours: 2-3 times longer than fluorescent lamps
- Full safety features and completely safe installation process
- No mercury

Benefits

- Reduced operational costs due to lower need for maintenance
- Energy savings and a long life time
- Fastest and easiest way to upgrade existing luminaire to LED technology without a need for re-wiring
- Comfort to the eye, and minimal heat

Applications

- Retail, industry
- Offices, schools
- Hospitals, indoor public spaces
- Parking lots, covered car parks
- Warehouses, cold-rooms, signages
- Transport and distribution areas

For APR excluding Japan



Product specifications

Product type	Lumen	Wattage	Voltage	Color temp.	Beam angle	CRI	Power factor	Lifetime	Frequency	Dimming	Order code
	lm	W	V	K	(°)	Ra	Pf	Hours	Hz	12NC	
MAS LEDtube 1200mm HO 14W865 T8	2100	14	220-240	6500	150	83	>0.9	50000	50/60	No	929001299408
MAS LEDtube 1200mm HO 14W840 T8	2100	14	220-240	4000	150	83	>0.9	50000	50/60	No	929001299308
MAS LEDtube 1200mm HO 14W830 T8	2000	14	220-240	3000	150	83	>0.9	50000	50/60	No	929001299208
MAS LEDtube 600mm HO 8W865 T8	1050	8	220-240	6500	150	83	>0.9	50000	50/60	No	929001299708
MAS LEDtube 600mm HO 8W840 T8	1050	8	220-240	4000	150	83	>0.9	50000	50/60	No	929001299608
MAS LEDtube 600mm HO 8W830 T8	1000	8	220-240	3000	150	83	>0.9	50000	50/60	No	929001299508
MAS LEDtube STD 1200mm 10.5W865 T8 I	1600	10.5	220-240	6500	150	83	>0.9	50000	50/60	No	929001297708
MAS LEDtube STD 1200mm 10.5W840 T8 I	1600	10.5	220-240	4000	150	83	>0.9	50000	50/60	No	929001297608

Product type	Lumen	Wattage	Voltage	Color temp.	Beam angle	CRI	Power factor	Lifetime	Frequency	Dimming	Order code
	lm	W	V	K	(°)	Ra	Pf	Hours	Hz	12NC	
MAS LEDtube 1200mm UO 16W 865 T8	2500	16	220-240	6500	150	83	>0.9	50000	50/60	No	929001298002
MAS LEDtube 1200mm UO 16W 840 T8	2500	16	220-240	4000	150	83	>0.9	50000	50/60	No	929001297902
MAS LEDtube 1200mm UO 16W 830 T8	2300	16	220-240	3000	150	83	>0.9	50000	50/60	No	929001297802
MAS LEDtube 1500mm UO 24W 865 T8	3700	24	220-240	6500	150	83	>0.9	50000	50/60	No	929001298302
MAS LEDtube 1500mm UO 24W 840 T8	3700	24	220-240	4000	150	83	>0.9	50000	50/60	No	929001298202
MAS LEDtube 1500mm UO 24W 830 T8	3400	24	220-240	3000	150	83	>0.9	50000	50/60	No	929001298102

Essential LEDtube T8

Tube

Philips Essential LEDtube is an affordable LED tube suitable for T8 fluorescent replacements. The product delivers a natural lighting effect that is needed across a wide range of general lighting applications. It also brings instant energy savings and cost savings, when applied to projects of substantial scale, making this a much more environmentally-friendly and superior solution to replace fluorescents.

Features

- Affordable LED replacement for T8 fluorescent tubes
- Energy consumption >50% lower than fluorescent tubes
- 30,000 hours lifetime, twice the length of normal fluorescents
- No mercury

Benefits

- Reduced electricity costs thanks to significant energy savings
- Longer lifetime equates to reduced maintenance costs
- A better choice for the environment – no mercury
- Comfort to the eye, and minimal heat

Applications

- Retail, offices
- Industry, warehouses, public places,
- Schools, hospitals, car parks

New!



Essential LEDtube T8

Product specifications

Product type	Lumen	Wattage	Voltage	Color temp.	Beam angle	CRI	Power factor	Lifetime	Frequency	Dimming	Order code
	lm	W	V	K	(°)	Ra	Pf	Hours	Hz	12NC	
ESSENTIAL LEDtube 600mm 8W865 T8 AP I G	800	8	220-240	6500	240	80	>0.9	30000	50/60	No	929001338708
ESSENTIAL LEDtube 600mm 8W840 T8 AP I G	800	8	220-240	4000	240	80	>0.9	30000	50/60	No	929001338608
ESSENTIAL LEDtube 1200mm 14.5W865 T8AP I	1600	14.5	220-240	6500	240	80	>0.9	30000	50/60	No	929001338908
ESSENTIAL LEDtube 1200mm 14.5W840 T8AP I	1600	14.5	220-240	4000	240	80	>0.9	30000	50/60	No	929001338808
ESSENTIAL LEDtube HO 1200mm 18W865T8 AP	2100	18	220-240	6500	240	80	>0.9	30000	50/60	No	929001383508
ESSENTIAL LEDtube HO 1200mm 18W840T8 AP	2100	18	220-240	4000	240	80	>0.9	30000	50/60	No	929001383408

Essential LEDtube T5

Tube

Philips Essential LEDtube T5 is a reliable value-for-money LED lamp out of Philips lighting portfolio, incorporated with frontier LED chips and other advanced technologies. The product helps customers to achieve up to 50% energy saving and significant maintenance cost reduction by comparing to fluorescent lamps. It also helps generate natural and comfortable lighting effect, and to build up green and environment friendly image for our customers.

Features

- Protection circuit inside ensuring people's safety in case of misuse, complying with IEC safety requirements
- Advanced optical design ensures a uniform light output and superior optical efficiency

Benefits

- Reliable operation between -20°C to 45°C ambient temperature
- 50,000 switching cycles
- Energy savings up to 50%

Applications

- Retail, offices
- Industry, warehouses, public places,
- Schools, hospitals, car parks

New!



Essential LEDtube T5

Product specifications

Product type	Lumen	Wattage	Voltage	Color temp.	Beam angle	CRI	Power factor	Lifetime	Frequency	Dimming	Order code
	lm	W	V	K	(°)	Ra	Pf	Hours	Hz	12NC	
ESSENTIAL LEDtube 1200mm 16W865 G5 I	2100	16	100-240	6500	240	80	>0.9	30000	50/60	No	929001381108
ESSENTIAL LEDtube 1200mm 16W840 G5 I	2100	16	100-240	4000	240	80	>0.9	30000	50/60	No	929001381008
ESSENTIAL LEDtube 1200mm 16W830 G5 I	2000	16	100-240	3000	240	80	>0.9	30000	50/60	No	929001380908
ESSENTIAL LEDtube 600mm 8W865 G5 I	1050	8	100-240	6500	240	80	>0.9	30000	50/60	No	929001380808
ESSENTIAL LEDtube 600mm 8W840 G5 I	1050	8	100-240	4000	240	80	>0.9	30000	50/60	No	929001380708
ESSENTIAL LEDtube 600mm 8W830 G5 I	1000	8	100-240	3000	240	80	>0.9	30000	50/60	No	929001380608