T8 Glass LED Tubes

ENELTEC®
brighten your ideas

Why ENELTEC LED Tubes?

Significant cost savings

The ENELTEC LED tubes use 50–90 percent less energy than other lamps, depending on the age and type of the lamp in question. The lifespan of an ENELTEC LED tube is many times that of a normal fluorescent lamp, thus reducing the upkeep costs of lighting significantly. Even the lamp body has a few extra years added to its life due to the fact that the inductor is not subjected to as much stress and the tube holders are subjected to a lower amount of heat. Moreover, there is no need to change the starters once they have been installed.

Better light

The ENELTEC LED tubes produce good-quality light with high colour rendering. The blue wavelength present in the LED light is essential for visibility and there is also an unbroken, full spectrum which helps us to distinguish colours, for the whole area of visible light. This pure, natural light is suitable for all environments where people have to be able to see well. The light is also available for your use without delay and without the flickering normally associated with the switching-on stage.

The environment thanks you

By choosing an ENELTEC LED tube, you will also have a positive impact on the environment. LED tubes do not contain mercury, lead or any other heavy metals. This is why LED tubes are not categorised as hazardous waste. The recyclability ratio of LED tubes is extremely high: over 95%. ENELTEC LED tubes packaging uses as much recycled or recyclable cardboard and paper pulp as possible. Also, because of the energy efficiency of LED tubes, the need for electricity produced from fossil fuels decreases.

Safer lighting

By replacing your fluorescent lights with ENELTEC LED tubes, you will eliminate many of the risks related to lighting, such as UV light that is harmful to people and many materials. In addition, the ends of fluorescent lamps that have come to the end of their lifespan and that remain incandescent are one of the most common causes of fire. LED lamps contain no dangerous substances, such as mercury, and the surfaces of the tubes are shatter-proof. This makes the ENELTEC LED tubes highly suitable for use in the food industry, too.

Install by simply replacing the tube in most T8 *fluorescent tube luminaires*

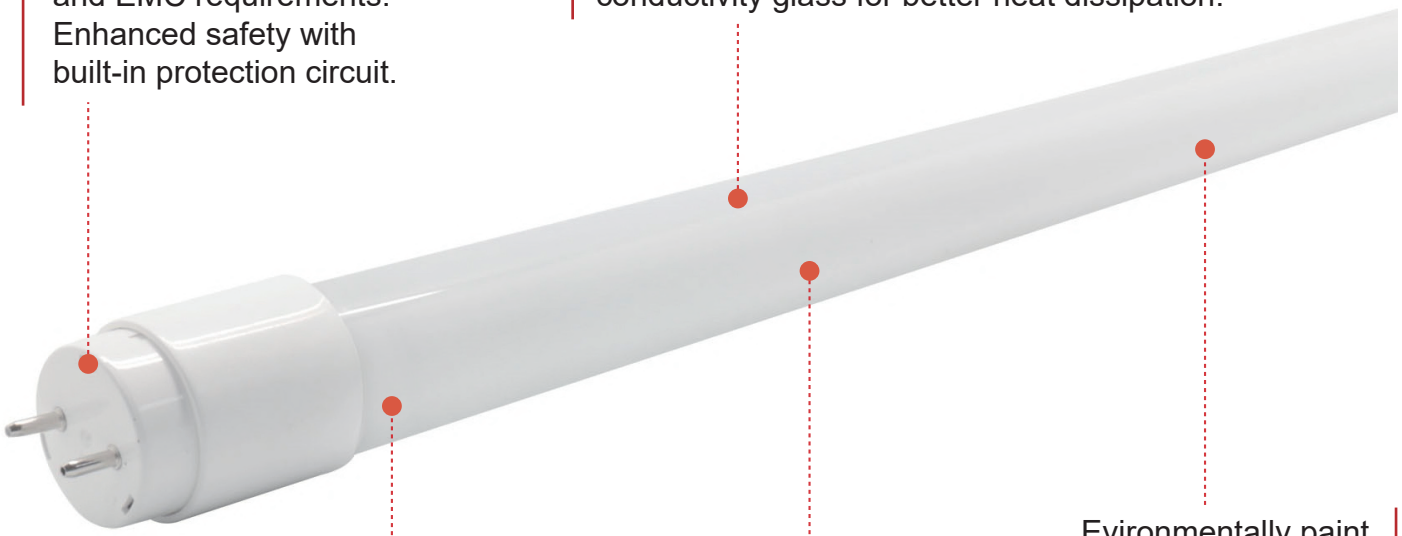
Product Features

DRIVER

Strictly follow IEC safety and EMC requirements. Enhanced safety with built-in protection circuit.

THERMAL

Aluminum plate is directly affixed to high thermal conductivity glass for better heat dissipation.



Lastest innovation LED chip, CRI>80

LED

With PC and Glass, No security risks.

SAFETY

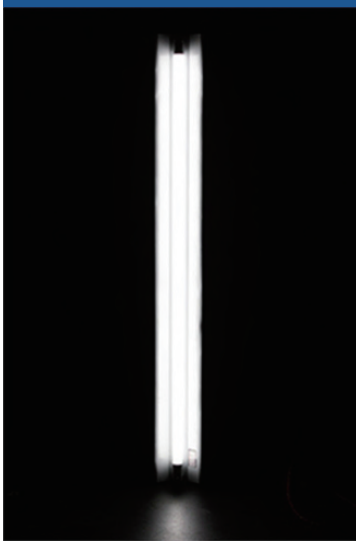
Evironmentally paint on the inside glass makes light uniform, no glare.

OPITCS

ALUMINUM+PC TUBE

120° narrow beam angle
dark area

GLASS TUBE

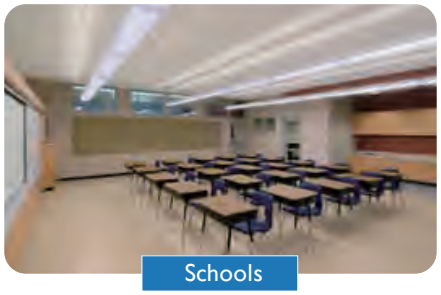


330° wide beam angle
no dark area

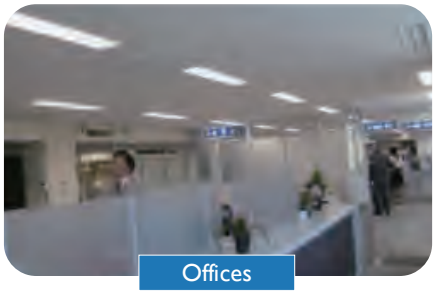
Applications

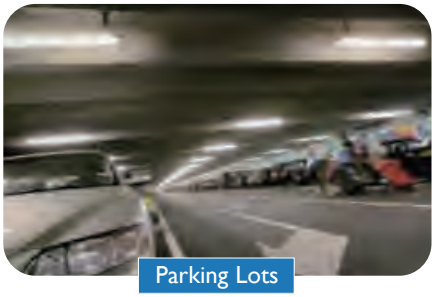
Retail

Industry

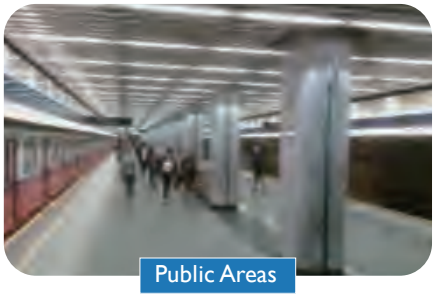

Schools

Hospitals


Offices


Parking Lots

Warehouses


Public Areas

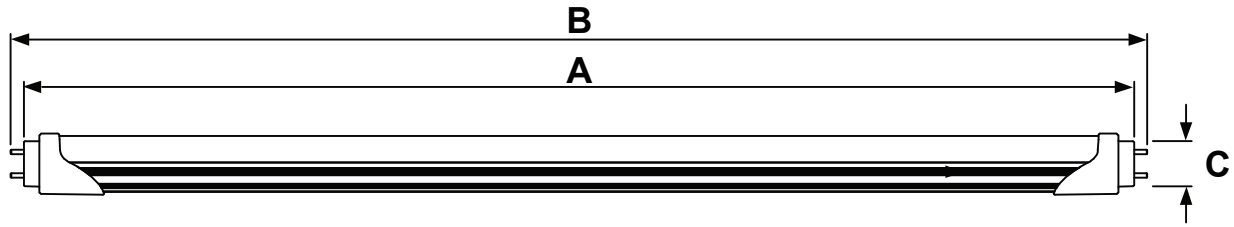
Lux Level

Lux level	Area or activity
100	Circulation areas e.g. corridors, stores and warehouses, changing rooms and rest areas
150	Active circulation e.g. stairs, escalators, loading bays
200	Facility lighting e.g. washrooms, foyers, lounges, archives, dining rooms, assembly halls and plant rooms
300	General background lighting e.g. IT office, packing, assembly (basic), filing, retail background, classrooms, sports halls, gymnasium and swimming pools
500	General lighting e.g. offices, CAD, laboratories, meeting rooms, general manufacturing, kitchens and lecture halls
750	Detailed lighting e.g. manufacturing & assembly (detail), paint spraying and inspection
1000	Precision lighting e.g. precision manufacturing, quality control, examination rooms
1500	Fine precision lighting e.g. Jewellery, watch making, electronics & fine working

Data

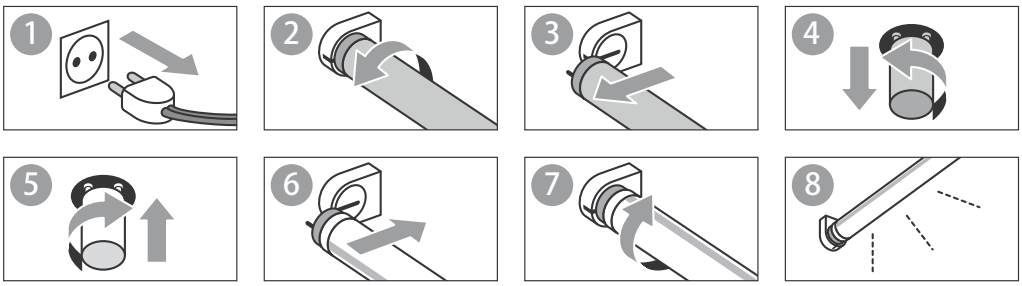
Model	ENLT-T8060-G01	ENLT-T8120-G01	ENLT-T8060-G02	ENLT-T8120-G02	ENLT-T8060-G03EMC	ENLT-T8120-G03EMC
Input Voltage	175-265VAC	175-265VAC	90-265VAC	90-265VAC	90-265VAC	90-265VAC
Socket	G13	G13	G13	G13	G13	G13
Power	9	18	9	18	9	18
PF	> 0.5	> 0.5	> 0.9	> 0.9	> 0.9	> 0.9
Beam Angle	330°	330°	330°	330°	330°	330°
Color	3000K / 4000K / 6500K					
Lumen	700	1400	800	1600	950	1900
CRI	≧70	≧70	≧80	≧80	≧80	≧80
LED Chips	SANAN SMD2835	SANAN SMD2835	SANAN SMD2835	SANAN SMD2835	SANAN SMD2835	SANAN SMD2835
LED Quantity	42	88	42	92	42	92
LED Driver	Non-Isolated Driver	Non-Isolated Driver	Isolated Driver	Isolated Driver	Isolated Driver	Isolated Driver
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
Lifespan	>50,000 Hours	>50,000 Hours	>50,000 Hours	>50,000 Hours	>50,000 Hours	>50,000 Hours
Cover	Frosted Glass	Frosted Glass	Frosted Glass	Frosted Glass	Frosted Glass	Frosted Glass

Dimensions

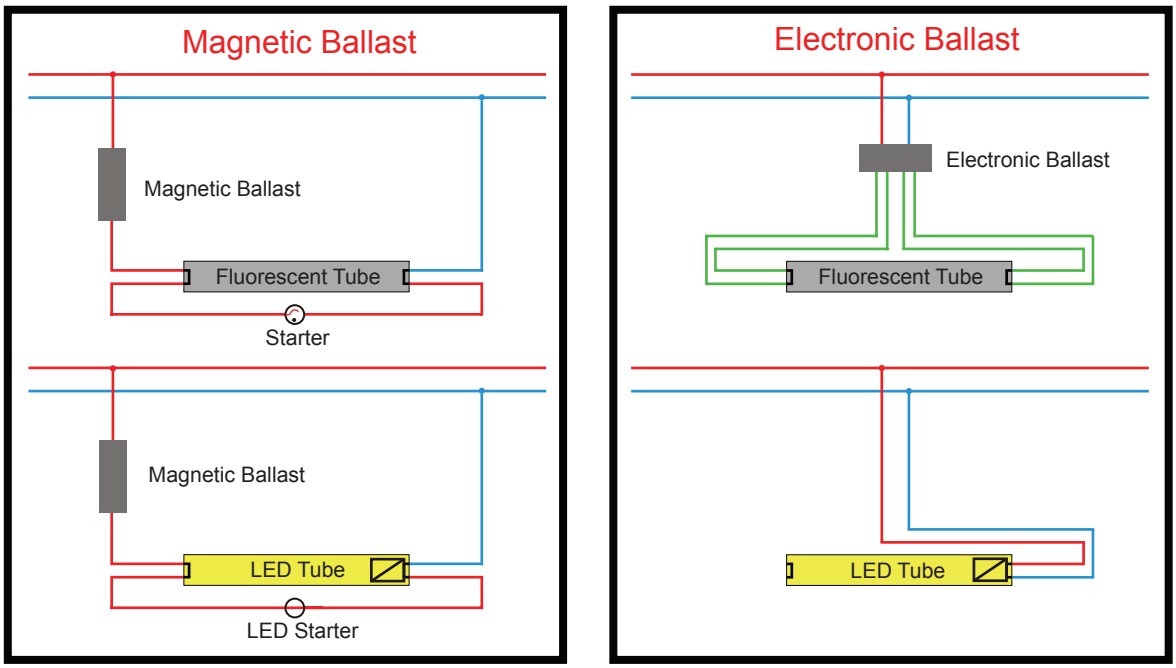
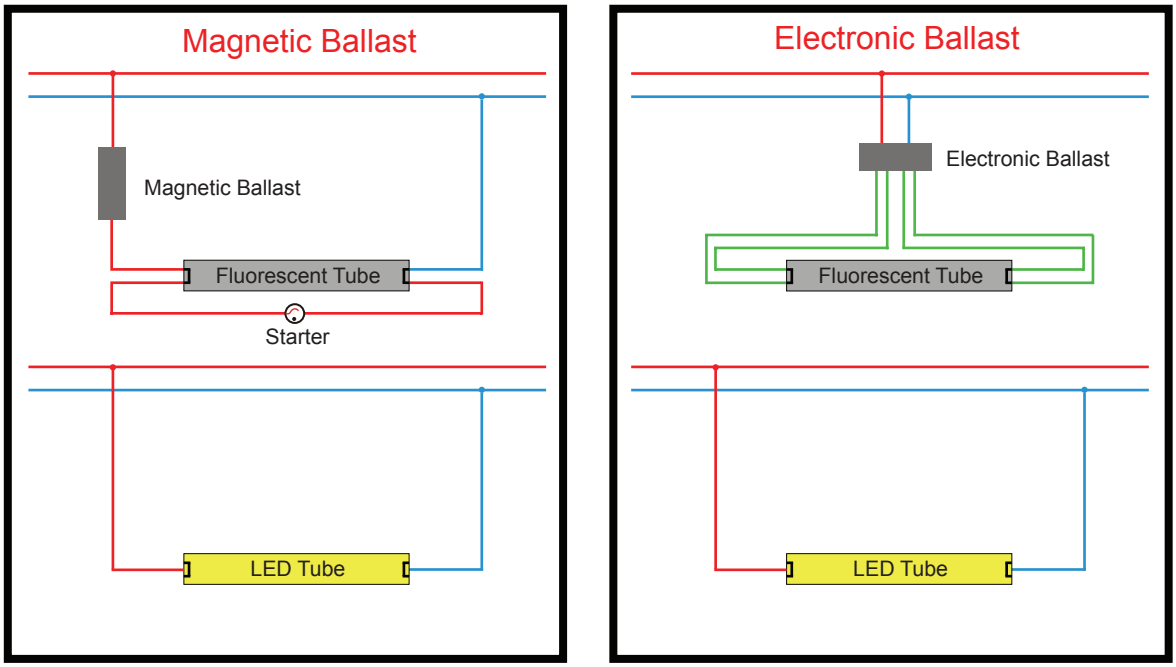


Model	Dimensions(mm)		
	A	B	C
ENLT-T8060	588	602	26
ENLT-T8120	1198	1212	26

Installation



One side Input (Europe Standard)



Two sides Input (Others)