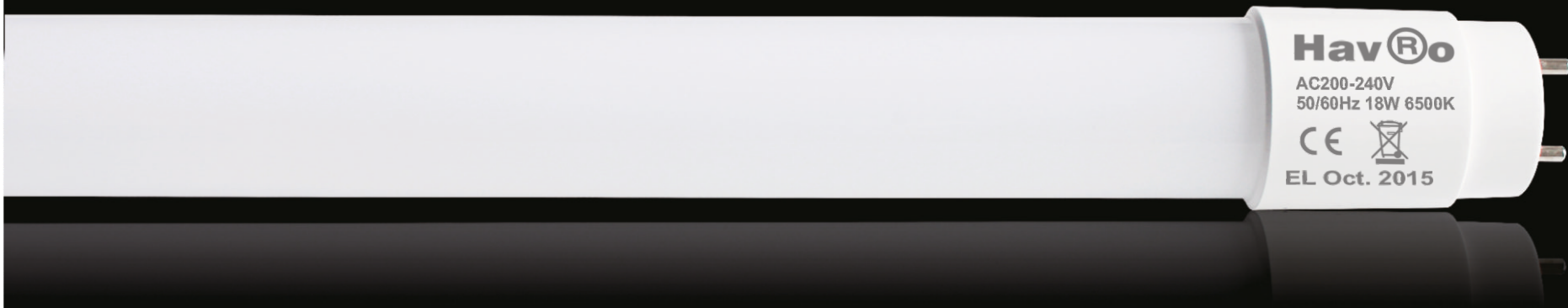




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**LED Glass Tube T8 Series
TÜV Attestation of Conformity**

Appearance



Product Features

Highly reliable

New innovation led package inside, together with most reliable electronic and other materials to ensure good performance during -20°C to 45°C ambient temperature,

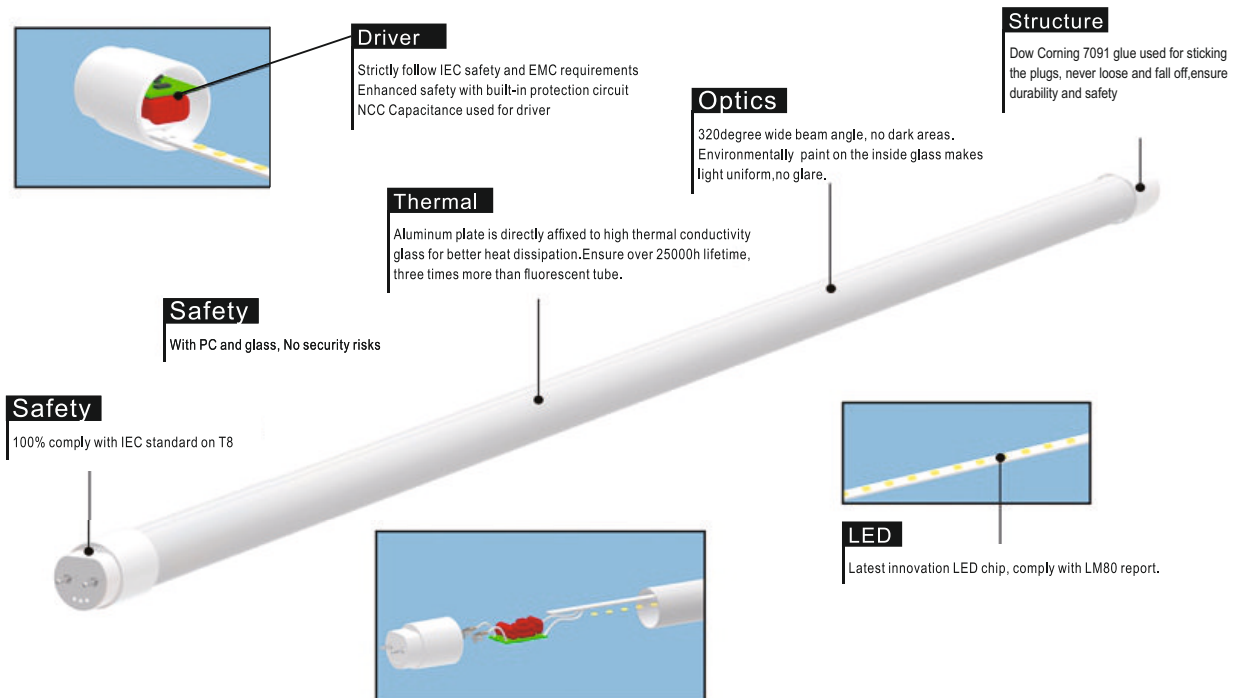
Strictly controlled THD and EMI, ensuring good performance under complex application conditions.

Highly safe

Protection circuit inside ensuring peoples safety in case of mis-use, complying with IEC safety requirements.

Pass 4KV high-pot test, insulation & safety guaranteed

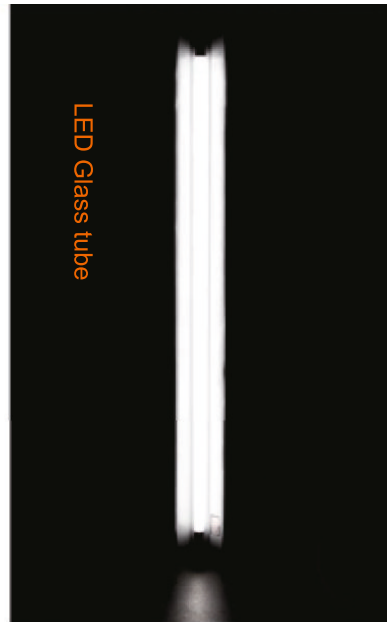
Pass 1KV surge test, avoiding the damage caused by input voltage fluctuation and lightning strike



Advantages

LED PC+Aluminum tube VS LED Glass tube

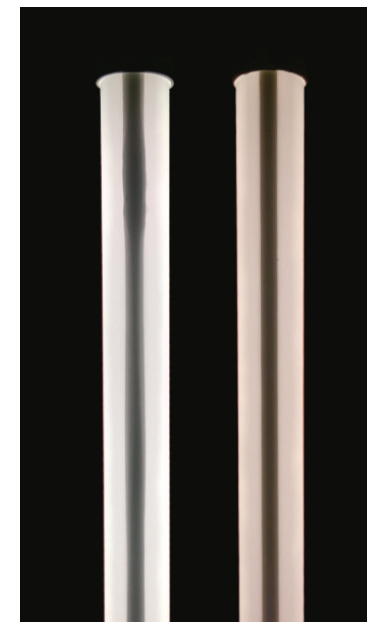
	PC+Aluminum	Glass
Light Transmittance	Low	High
Aging Resistant	No	Yes
Deformation	Yes	No
Thermal conductivity	General	High
Angle	120°	320°



Glue



Unique Design
6mm Straight PCB



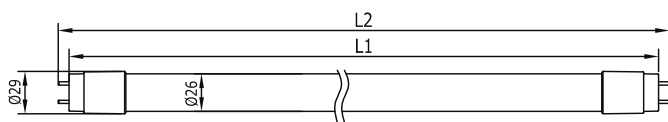
Technical specification

Specifications

Model	SL T8-L06-09A1	SL T8-L12-18A1	SL T8-L15-24A1	HL T8-L06-09B1	HL T8-L12-18B1	HL T8-L15-24B1	SHL T8-L06-09C1	SHL T8-L12-18C1	SHL T8-L15-24C1
Dimension	Φ26xH602mm	Φ26xH1212mm	Φ26xH1512mm	Φ26xH602mm	Φ26xH1212mm	Φ26xH1512mm	Φ26xH602mm	Φ26xH1212mm	Φ26xH1512mm
Efficiency	100Lm/W	100Lm/W	100Lm/W	130Lm/W	130Lm/W	130Lm/W	150Lm/W	150Lm/W	150Lm/W
Power	9W	18W	24W	9W	18W	24W	9W	18W	24W
Luminous flux *	ca* 900lm	ca* 1800lm	ca* 2400lm	ca* 1170lm	ca* 2340lm	ca* 3120lm	ca* 1350lm	ca* 2700lm	ca* 3600lm
LED Type	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835
C.C.T	2700-6500K	2700-6500K	2700-6500K	2700-6500K	2700-6500K	2700-6500K	2700-6500K	2700-6500K	2700-6500K
Input Voltage	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V
CRI	>80	>80	>80	>80	>80	>80	>80	>80	>80
PF	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Material	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass
Socket	G13	G13	G13	G13	G13	G13	G13	G13	G13
Beam Angle	320	320	320	320	320	320	320	320	320

* - Depends on C.C.T (light colour)

Dimension



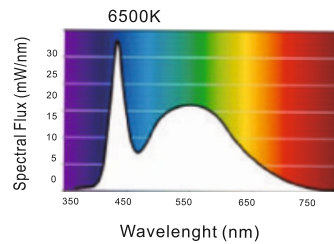
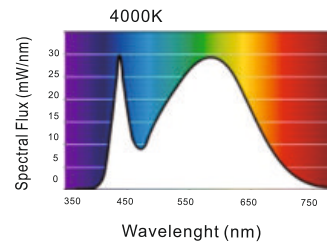
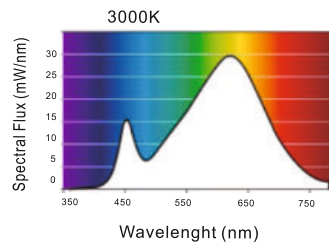
Dimension Length	L1	L2
0,6M	588	602
0,9M	893	907
1,2M	1198	1212
1,5M	1498	1512

SL - Standard Lumen
HL - High Lumen
SHL - Super High Lumen

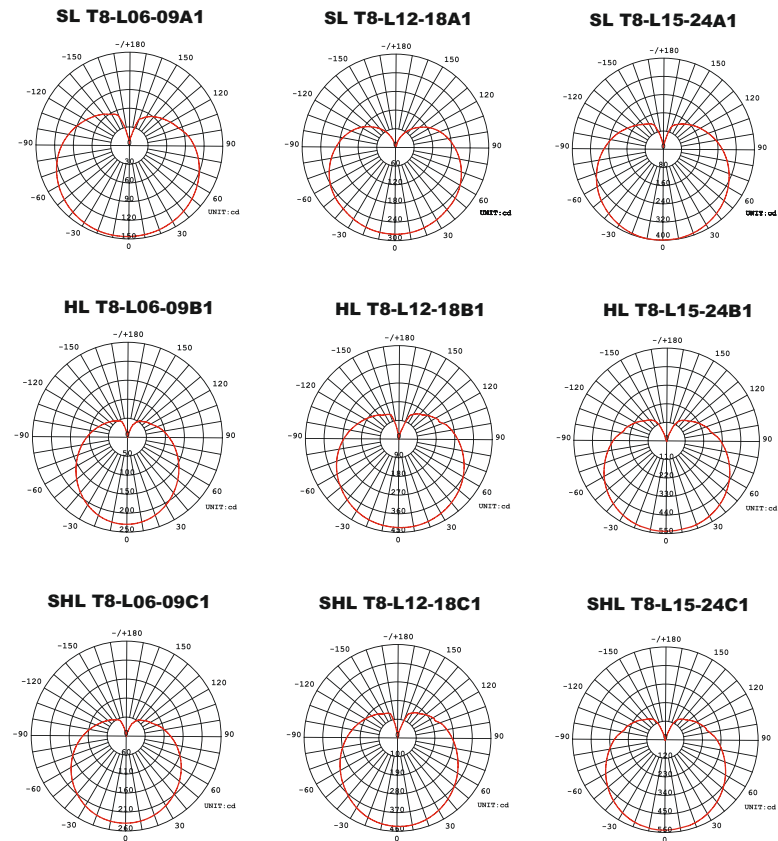
SPD & Photometric Diagrams

spectral power distribution

The resulting spectral power distribution show the the led glass tube contains the visible light only. No harm from UV and IR.



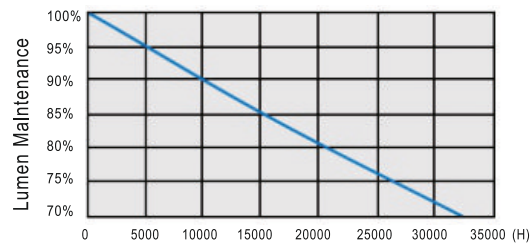
Luminous intensity distribution diagram



Lifetime & Temperature

Lifetime and Lumen Maintenance

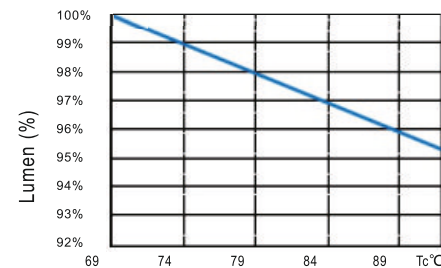
LED glass tube has a lifetime of 25,000Hrs, defined as the number of hours when 50% of a large group of identical lamps below 70% of its initial



Temperature

High thermal conductivity glass ensures low temperature during operating which brings reliable and stable product performance throughout lifetime

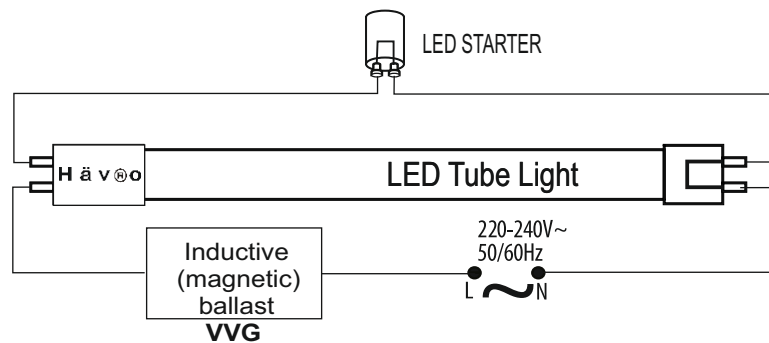
Operating temperature	T operating	min-20°C	max+65°C
Storage temperature	T storage	min-40°C	max+75°C
Maximum surface temperature of tube at Tamb.=25°C	T surface		+78°C



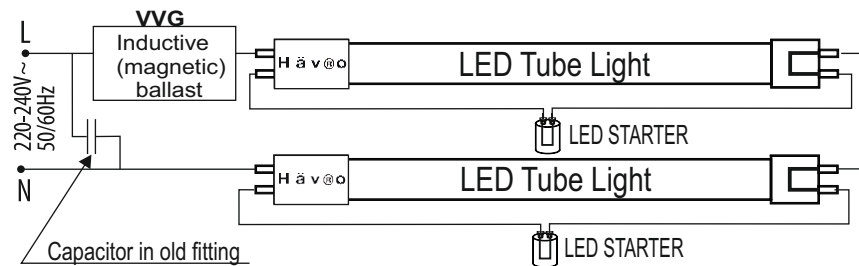
Installation instructions:

A: Traditional fluorescent tube fitting with inductive (magnetic) ballast.

1. Replace the old starter for new LED Starter

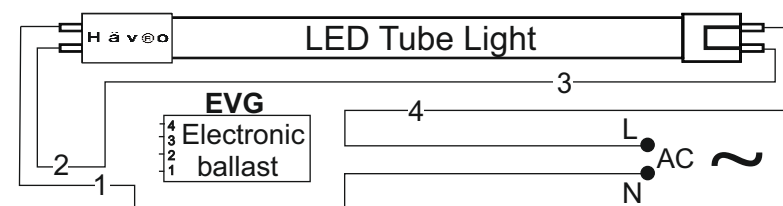
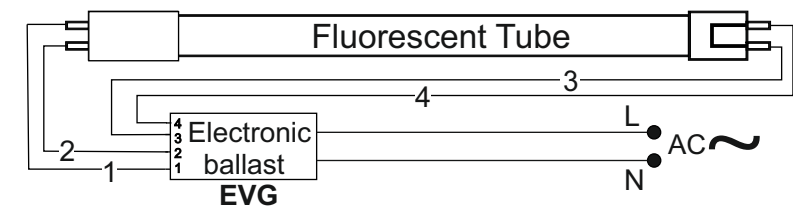


 **Unique Design**
series connection available

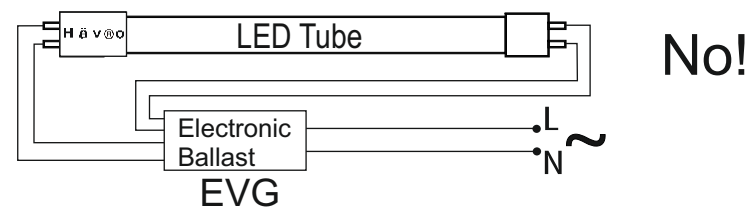
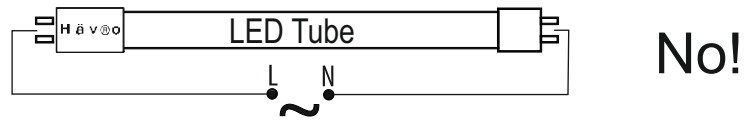
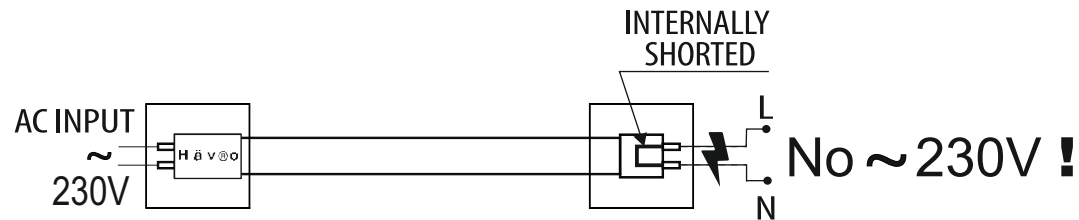


B: Traditional fluorescent tube fitting with electronic ballast.

1. Connect Line 4 and Line 1 to the AC220, should not connect to the electronic ballast
2. Connect Line 2 and Line 3 directly-short circuit



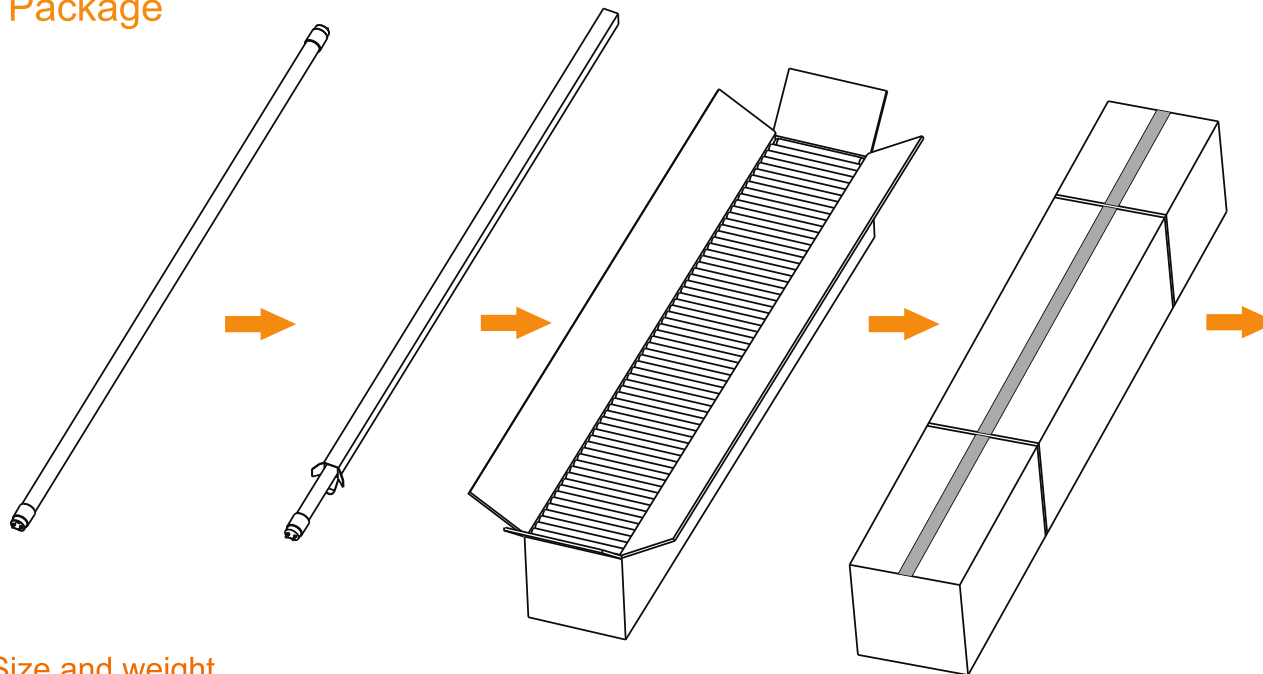
Warning



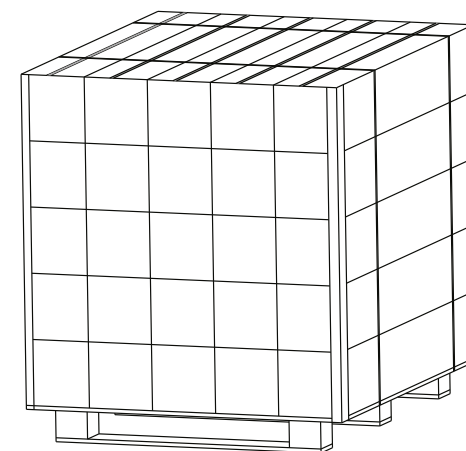
Warning

- Install, replace or clean, be sure to disconnect the power.
- Any maintenance, should be done by qualified electrician.
- Should not be used when shade damaged.

Package



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Size and weight

Model	600mm	1200mm	1500mm
QTY/CTN	25pcs	25pcs	25pcs
Size/CTN	730*225*235mm	1335*225*235mm	1635*225*235mm
G.W/CTN	5kg	9.5kg	11.5kg
CTN/PLT	50CTN	25CTN	25CTN
QTY/PLT	1250pcs	625pcs	625pcs
Size/PLT	1460*1125*1300mm	1335*1125*1300mm	1635*1125*1300mm
G.W/PLT	262kg	248kg	307kg