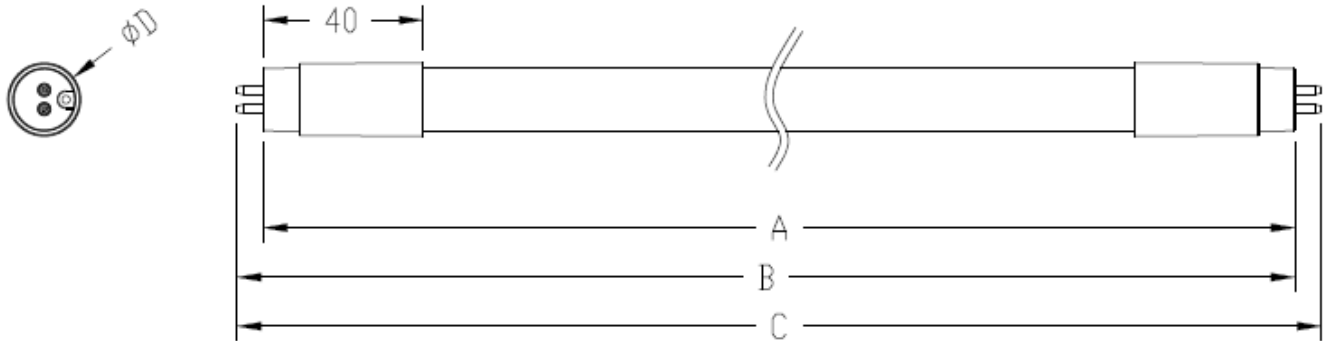


ET5LED2, ET5LED3, ET5LED4, ET5LED5 Instructions



Dimensions (mm):

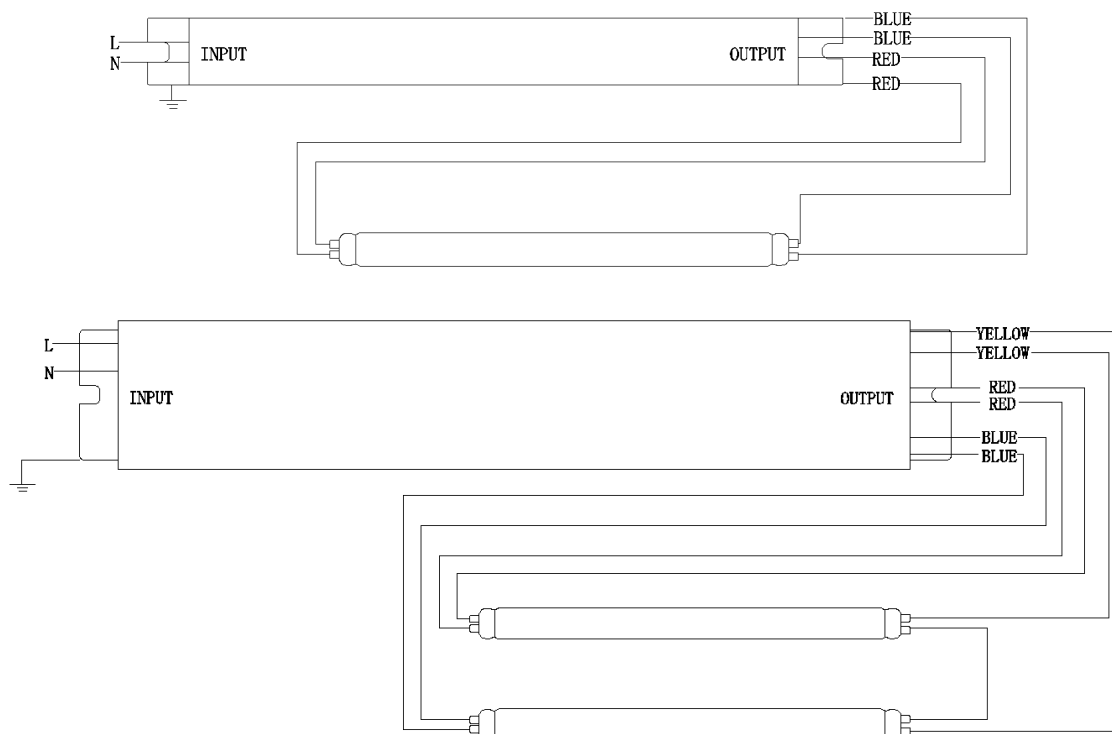
Model	Cap	Size (mm)	A	B	C	D
			Max	Max	Max	Max
ET5LED2	G5	18×600	549.0	556.1	563.2	18.3
ET5LED3	G5	18×900	849.0	856.1	863.2	18.3
ET5LED4	G5	18×1200	1149.0	1156.1	1163.2	18.3
ET5LED5	G5	18×1500	1449.0	1456.1	1463.2	18.3

ET5LED2	0.6m	09W	Replace 0.6m HE 14W T5 Fluorescent Tube
ET5LED3	0.9m	12W	Replace 0.9m HE 21W T5 Fluorescent Tube
ET5LED4	1.2m	16W	Replace 1.2m HE 28W T5 Fluorescent Tube
ET5LED5	1.5m	21W	Replace 1.5m HE 35W T5 Fluorescent Tube

Model	ET5LED2: 0.6M-9W (HE High Efficiency)	ET5LED3: 0.9M-12W (HE High Efficiency)
Tubes Specifications	T5 14W	T5 21W
Input voltage	AC220V (Ballast)	AC220V (Ballast)
Rated power current	60mA(MAX)	80mA(MAX)
Rated power input	9W	12W
PF	≥0.9	≥0.9
Voltage	60V(MAX)	87V(MAX)
Current	200Ma(MAX)	200Ma(MAX)
CCT	4000K	4000K
CRI	≥83	≥83
LM	630lm (4000K)	960lm(4000K)
System Efficacy	≥70lm/W	≥80lm/W
Lumen Maintenance	3000H@96%, 6000H@92%	3000H@96%, 6000H@92%
LED Brand	EPISTAR	EPISTAR
LED Model	2835	2835
LED qty	54PCS	78PCS
lamp holder Model	T5	T5
The lamp body light transmittance	88%	88%
Beam angle	> 160°	> 160°
Life Expectancy	25,000h	25,000h
Material	GLASS+PET	GLASS+PET
Light weight (including packaging)	0.0948kg	0.1179Kg
IP	IP20	IP20
Operating Ambient Temperature	-20℃～45℃	-20℃～45℃
Operating Ambient Humidity	≤80%RH	≤80%RH
The Storage Temp and Humidity	-20℃～65℃@≤95%RH	-20℃～65℃@≤95%RH

Model	ET5LED4: 1.2M-16W (HE High Efficiency)	ET5LED5: 1.5M-21W (HE High Efficiency)
Replace tubes specifications	T5 28W	T5 35W
rated input voltage	AC220V (Ballast)	AC220V (Ballast)
Rated power current	120mA(MAX)	140mA(MAX)
rated power input	16W	21W
PF	≥0.9	≥0.9
voltage	124V(MAX)	165V(MAX)
electricity	200Ma(MAX)	200Ma(MAX)
CCT	4000K	4000K
CRI	≥83	≥83
LM	1600lm(4000K)	1900lm(4000K)
system efficacy	≥100lm/W	≥90lm/W
lumen maintenance	3000H@96%, 6000H@92%	3000H@96%, 6000H@92%
LED Brand	EPISTAR	EPISTAR
LED model	2835	2835
LED qty	111PCS	150PCS
lamp holder model	T5	T5
The lamp body light transmittance	88%	88%
Beam angle	> 160°	> 160°
Life Expectancy	25,000h	25,000h
Material	GLASS+PET	GLASS+PET
Light weight (including packaging)	0.176Kg	0.2232Kg
IP Level	IP20	IP20
operating ambient temperature	-20℃～45℃	-20℃～45℃
operating ambient humidity	≤80%RH	≤80%RH
The storage temperature and humidity	-20℃～65℃@≤95%RH	-20℃～65℃@≤95%RH

● Instruction of wiring



Note

1. Please do not removing the original ballasts
2. Not to be used for traditional inductance ballast/switch start fluorescent lamp fittings
3. Not to be used with dimmers
4. Not to be used in an emergency fitting
5. NOT Suitable for direct wiring i.e. do not connect AC mains direct to the tube
6. If the tube fails to illuminate correctly then the "HO" model tube may be required

Tested Compatible Ballast

- Osram Quicktronic Professional QTP 1 x80
- Osram Quicktronic Professional QTP5 1x14-35
- Osram QTz5 2x28/220-240
- Osram QTz5 1x28/220-240
- Osram QTz5 2x 54
- Osram Quicktronic QT-FQ 1x80
- Osram Quicktronic QT-FQ 2x80
- Huafeng EEP-T8-70-S2-CCM
- 3AAA YZ235EAA T5
- Knightsbridge electronic ballast T5-28W
- Fard FRD30001 & FRD30002
- Philips HF-S114-21 TL5 II
- Philips HF-S128-35 TL5 11
- Philips HF-S214-35 TLS HE II
- Arlen EFA HFL114-35
- Tridonic PC 1x14-35 T5TOPip
- Tridonic PC 2x35 T5TOPip

IMPORTANT NOTE

To prevent Risk of fire or electric shock the following should be adhered to.

- Not to be used for traditional inductance ballast/switch start fluorescent lamp fittings
- Do not remove the ballast
- Not to be used with dimmers with this fitting
- If the tube fails to illuminate correctly then the ET5LED2B/3B/4B/5B model tubes may be required
- The fitting cannot be installed in an emergency lighting fitting
- NOT Suitable for direct wiring i.e. do not connect AC mains direct to the tube
- LED retrofit installation must be done by a competent person or skilled qualified electrician
- All safety instructions must be followed to avoid a risk of injury and property damage.
- Not to be used for traditional inductance ballast/switch start fluorescent lamp fittings
- Do not disassemble this product, there are no serviceable parts
- Disconnect power before installation.
- Don't switch on AC power until the installation of LED tubes has been completed.
- The luminaire should be positioned so that no prolonged staring into the luminaire at a distance closer than 0.65m can be prevented.
- For use in dry location only.

Due to our policy of continuous improvement we reserve the right to change specification without prior notice.

Errors and omissions excepted. These instructions have been carefully checked prior to publication. However, no responsibility can be accepted by E-Matic for any misinterpretation of these instructions.

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