Thank you for purchasing the Allanson SPEEDLamp LED Replacement lamp. The retrofit process is straight forward and should be done following local electrical codes and standards.

T8 TRIAC DIMMING TUBE

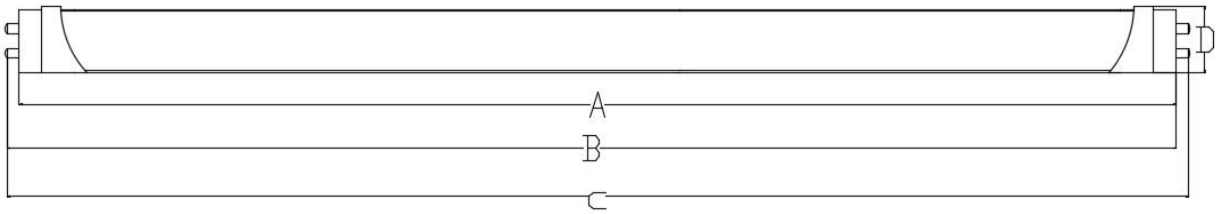
1.Features:

- Exceptional efficacy with uniform illumination.
- Reduces energy consumption up to 60%.
- Shatterproof design that meets the required NSF requirements.
- Ballast bypass module ensures easy replacement of traditional T8 lamps.
- Available in a single-ended ballast bypass or double-ended ballast bypass option.

2.Application:

- Display areas in shopping malls, museums, etc
- Public areas of hotels, shopping malls and office buildings
- TUsed in home lighting, usually used to control the living room, bedroom, study and so on
- Used in landscape lighting, stage lighting, exhibition hall lighting, airport lighting and other fields
- For use in business Settings. Such as hotels, restaurants, shopping malls, exhibition halls and other places

3.Dimensions:



Model	length	A	B	C	D	Lamp holder type
TCA048W09D220DS	600	588	595.5	603	28	G13
THA096W18D220DS	1200	1198	1205.5	1213	28	G13
TIA120W22D220DS	1500	1498	1505.5	1513	28	G13
TCA048W09D277DS	24Inch	588	594	601	28	G13
THA096W18D277DS	48Inch	1198	1164	1210	28	G13
TIA120W22D277DS	60Inch	1498	1504	1511	28	G13

Remark: 1.Unit :mm
2.Different tube lengths can be customized according to customer requirements

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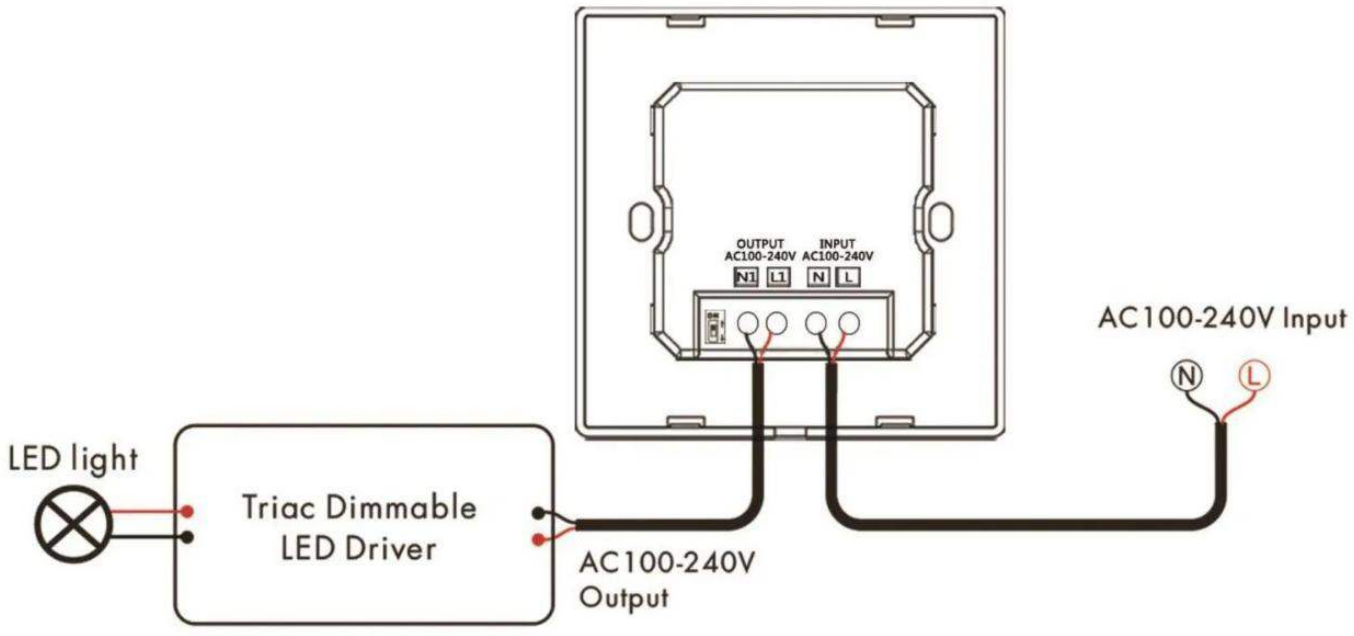
4.Electrical parameters:

Model	Input	Power	Length	Effect	CRI	CCT	Led QTY	Angle
TCA048W09D220DS	200-240V	9W	0.6M	120lm/w	≥80	3000-6500K	48	158
THA096W18D220DS	200-240V	18W	1.2M	120lm/w	≥80	3000-6500K	96	158
TIA120W22D220DS	200-240V	22W	1.5M	120lm/w	≥80	3000-6500K	120	158
TCA048W09D277DS	100-277V	9W	24Inch	120lm/w	≥80	3000-6500K	48	158
THA096W18D277DS	100-277V	18W	48Inch	120lm/w	≥80	3000-6500K	96	158
TIA120W22D277DS	100-277V	22W	60Inch	120lm/w	≥80	3000-6500K	120	158

5.Environmental and Application Conditions:

Ambient temperature range (Ta)	-25…..+50℃
Operating (case) temperature range (Tc)	-25…..+50℃
Storage temperature range	-25…..+65℃
IP rating	IP20

6.Installation procedure:



1. Connect the Main Power: Start by connecting the main power to your LED dimmer. This usually involves connecting the live (L) and neutral (N) wires to the INPUT terminals on your dimmer.
2. Wire the LED Driver: Integrate your TRIAC dimmer by connecting its OUTPUT terminal to the driver's INPUT terminal. This setup allows the dimmer to regulate the power flowing to the driver and, subsequently, the LED lights.
3. Attach the LED Lights: Finally, connect your LED lights to the driver. Ensure the positive (+) and negative (-) wires match the driver's output terminals. The wiring diagram is as follows.
4. Secure the Connections: Use electrical tape to cover any exposed wires or terminals, ensuring a safe and secure connection.