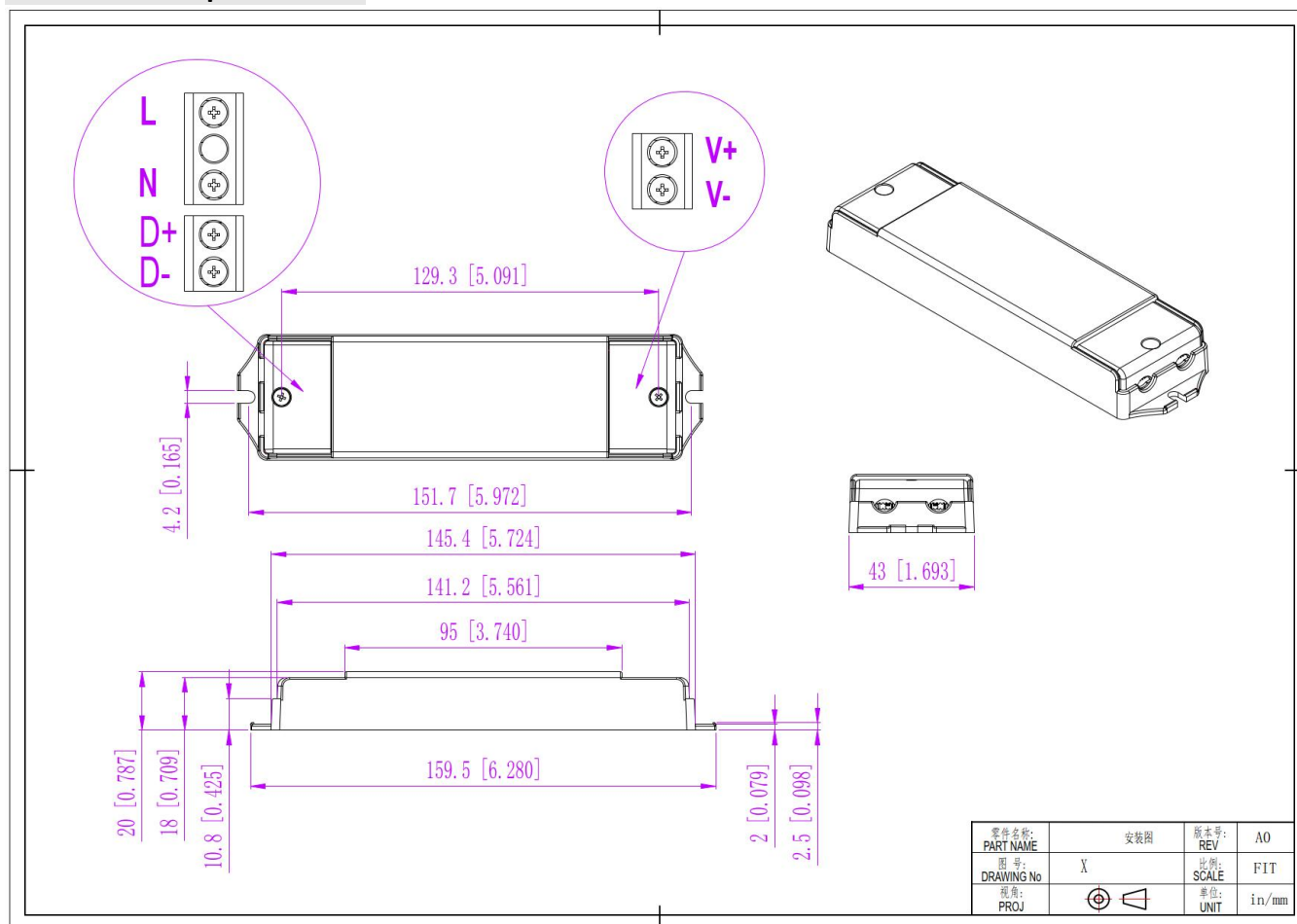




<b>Environment</b>	Working TEMP.	-40~+60℃
	Working Humidity	20-90%RH, non-condensing
	Storage TEMP.	-40~+80℃
	Storage Humidity	10-95%RH
	TEMP. coefficient	±0.03%/℃ (0-50℃)
	Vibration	10-500Hz, 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes
<b>Safety &amp; EMC</b>	Safety standards	EN61347-1 EN61347-2-13(EU) & UL8750(US)
	Withstand voltage	I/P-O/P:3.75KVAC
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25℃/70%RH
	EMC Emission	EN55015 EN61000-3-2 EN61000-3-3(EU) & FCC Part 15, Subpart B; ANSI C63.4-2014 (US)
<b>Others</b>	Weight	0.15Kg
	Size	159.5*43*20mm(L*W*H)
	packing	320*280*215mm (50PCS/CTN ) for outer carton
<b>Notes</b>	1. All parameters NOT specially mentioned are measured at 120VAC/ 230VAC input, rated load and 25℃ of ambient temperature	
	2. Tolerance: includes set up tolerance, line regulation and load regulation.	

## ■ Mechanical Specification:



※Input with DG126 terminals 3P: Live Wire AC (L), Neutral Wire AC(N)

※Output LED SEC with DG126 terminals 2P: output Positive (LED+), output negative (LED-). Connected to LED Lamps.

※DALI or PUSH Dim. terminals with DG126 terminals 2P:

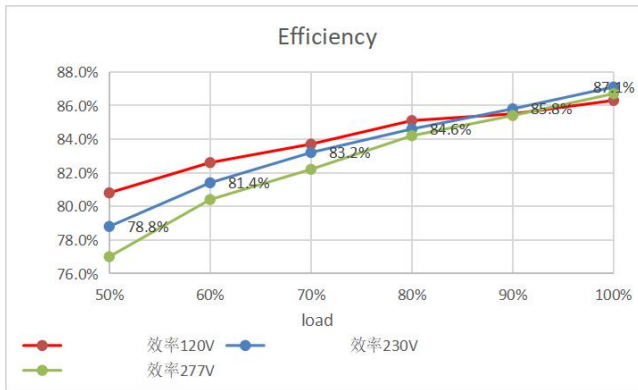
when DALI dimming, signal dimming DA1, DA2 ( No polar ) connected to the BUS of the DALI Master;

when PUSH dimming, (N) is connected to AC (N) while white (L) is connected to Push dim switch dimmer( L) ;

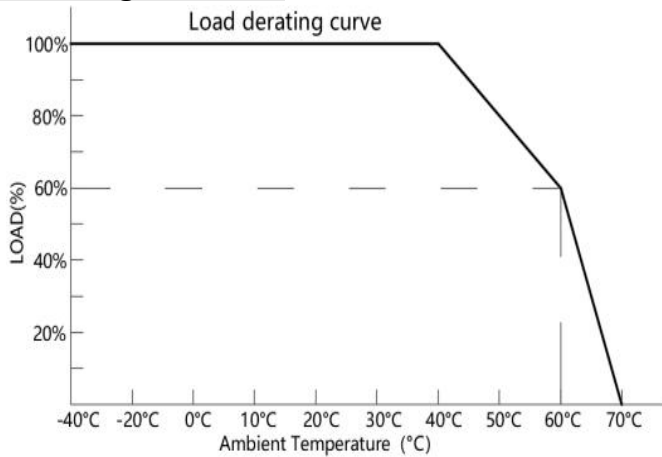
※Suggested wire diameter: Input 0.75-2mm<sup>2</sup>; Output:0.5-2mm<sup>2</sup>.

**Note:** Please make sure you connect these correctly otherwise your product will not function correctly and could be damaged.

## ■ Efficiency Curve



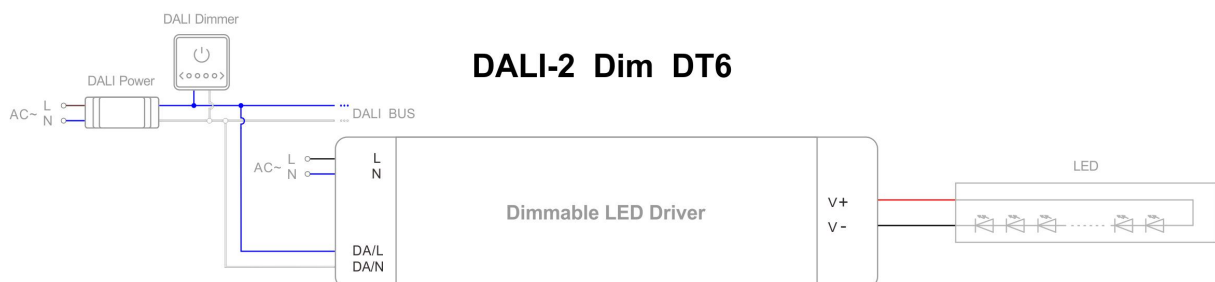
## ■ Derating Curve



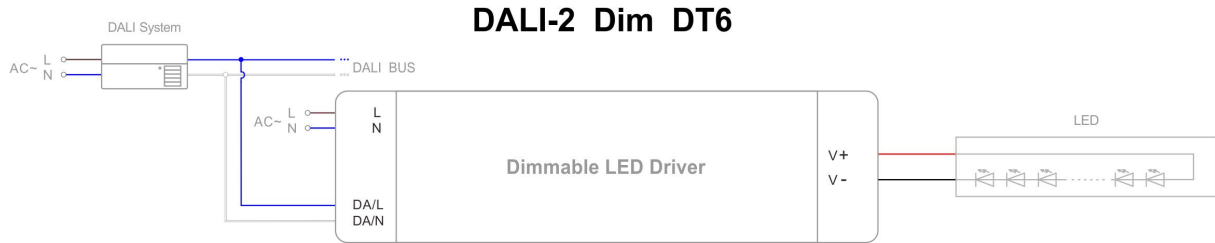
- To extend their life, please refer to the Derating Curve and derate according to the temperature.
- Please note that the rise in temperature of LED fixtures over a long period of time will cause their power to rise. Therefore, we recommend the power supply to reserve a certain amount of load to avoid overloading.

## ■ Dimming Operation and Connecting Diagram

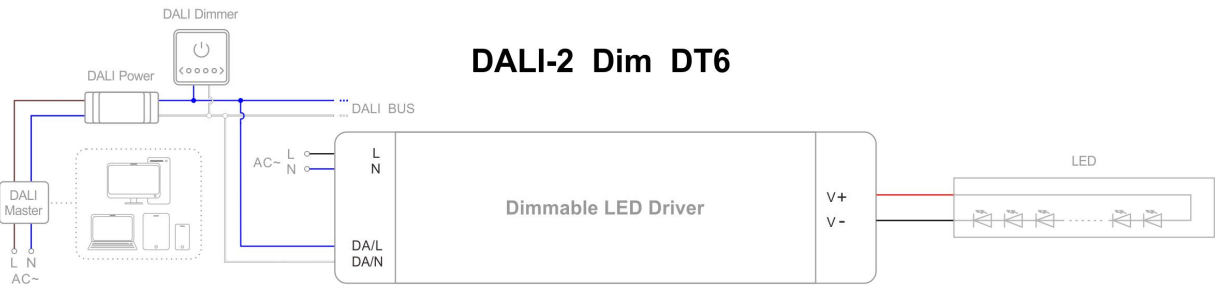
- Using DALI-2 dimming with DALI power and dimmer



- Using DALI-2 dimming with DALI system and DALI bus



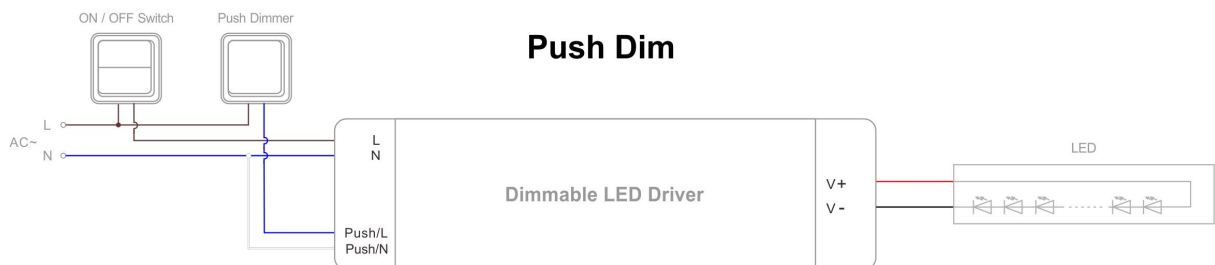
- Using DALI-2 dimming with intelligent device, DALI master and dimmer

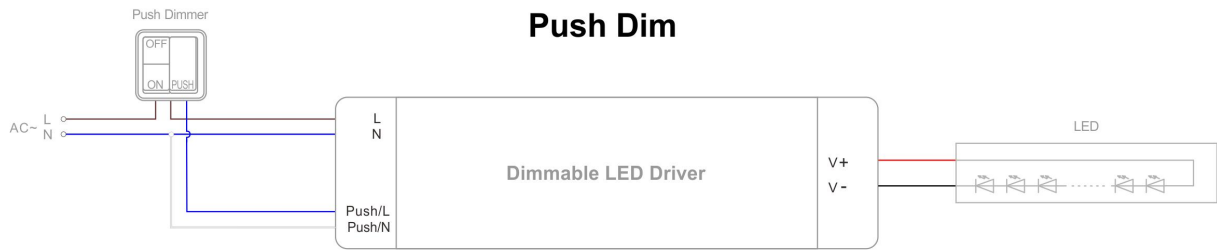


Note: For DALI Dimming Wiring Diagram 3, please noted that only one DALI power is need in the DALI bus, so no extra DALI power is needed if the Master or Dimmer already includes the DALI Power.

- Using PUSH dimming with dimmer (on & off function)

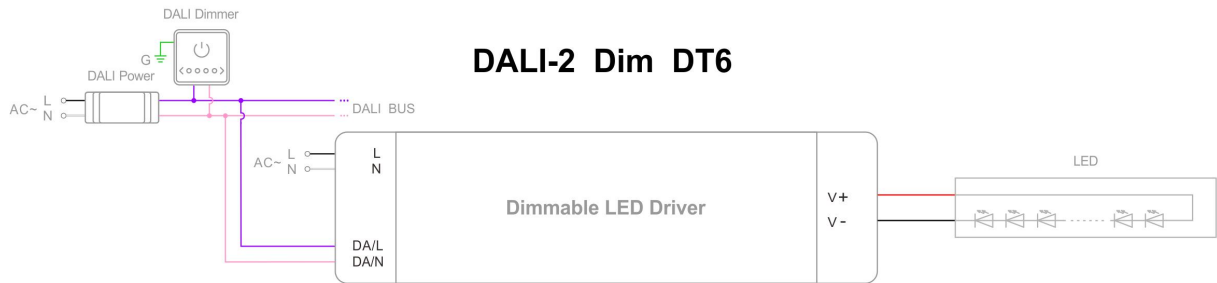
Action	Action duration	Function
Short Push	0.1~1s	Turn ON-OFF the driver
Long Push	1.5~10s	Every Long Push changes the dimming direction, dimming up or down



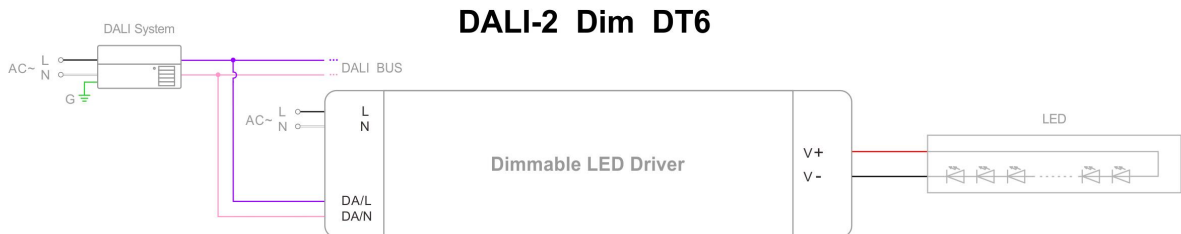


## Dimming Operation and Connecting Diagram ( For North American Market )

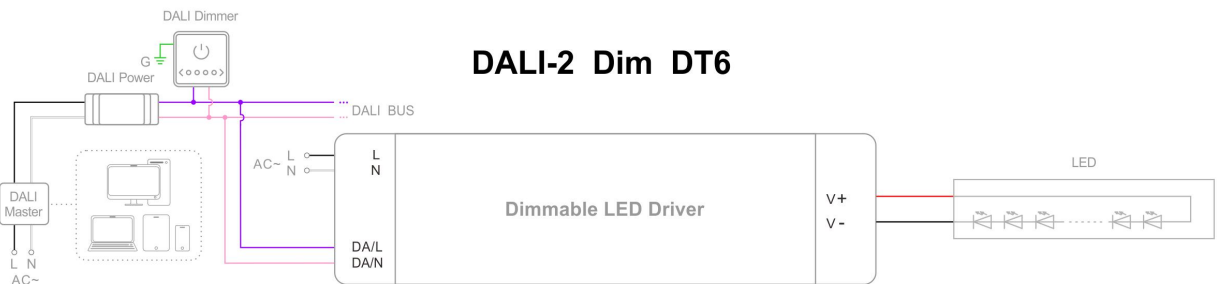
- Using DALI-2 dimming with DALI power and dimmer



- Using DALI-2 dimming with DALI system and DALI bus



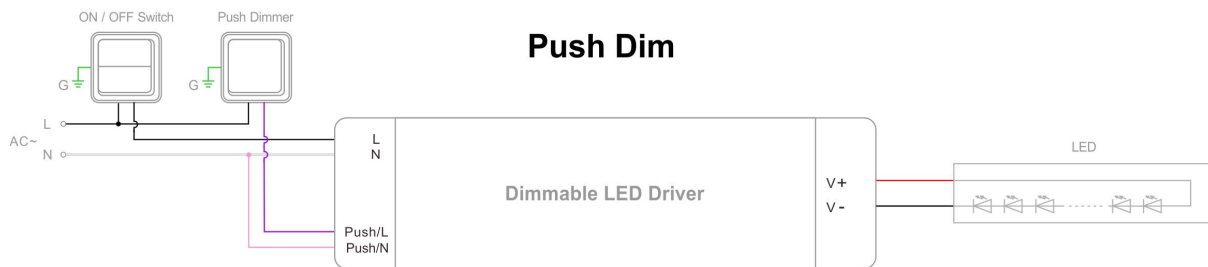
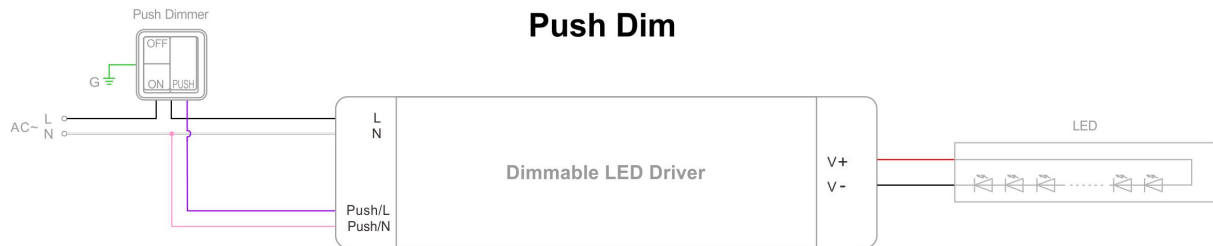
- Using DALI-2 dimming with intelligent device, DALI master and dimmer



Note: For DALI Dimming Wiring Diagram 3, please noted that only one DALI power is need in the DALI bus, so no extra DALI power is needed if the Master or Dimmer already includes the DALI Power.

- Using PUSH dimming with dimmer (on & off function)

Action	Action duration	Function
Short Push	0.1~1s	Turn ON-OFF the driver
Long Push	1.5~10s	Every Long Push changes the dimming direction, dimming up or down



#### ■ Instruction:

- This driver should be installed by qualified and professional person;
- Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
- Ensure that wiring is correct before test in order to avoid light and power supply damage;