

Twilight Controller

The Smart Dimmer is designed for new and exciting installations which are turned on and off by a twilight switch or timer switch. The Smart Dimmer can easily be installed between the output of the power supply (12 – 48 Volt) and the Led products. As the Smart Dimmer is pre-programmed with a default self-adapting twilight dimming curve, it will work directly once installed. (The self-adapting curve needs 24hours to determine the actual dimming curve).

The settings of the smart dimmer can be adjusted by using the Bever App. Different dim options can be selected and the output level(s) can be adjusted to the required level(s). Depending on the chosen dim options, the dimming curve can be adjusted to the required durations and output levels.

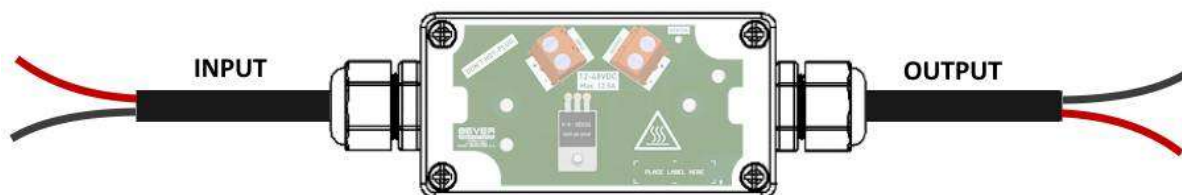
Dim options

Traditional manual dimming: The output level can be adjusted manually to the required output level from 1% up to 100%.

Self-adapting Twilight dimming: Follows the programmed timing curve during the dusk and dawn period, the duration of the night period is automatically calculated based the on-time of the past three days. *(Default setting)*

Self-adapting Nighttime dimming: Automatically adjust the dimming curve based on the on-time of the past three days, assuming the center point of the dimming curve is midnight local time.

Installation



Input: Power input. Connect a suitable power supply (12-48V) to these wires.

Do not hot-plug! Reversing polarity will damage the Contour Dimmer beyond repair.

RED - Positive terminal

BLACK - Negative terminal

Output: Power output. Connect the contour lighting to these wires.

Do not exceed maximum power output of 150W (12V) /240W (24-48V).

RED - Positive terminal

BLACK - Negative terminal

Status Indicator: In the top right corner of the Smart Dimmer a status indicator is installed to indicate the status of the Dimmer. The table below shows the possible colours of this indicator with the according status message.

	OFF	No power; check power supply voltage
	RED	Internal failure; contact Lucoled
	BLUE	0% Output
	GREEN	1 - 99% Output
	WHITE	100% Output
	YELLOW	Configuration mode (connected to tablet/phone)