

Curve 1-10V Dimmer

BILTON[®]
LED LIGHTING

Instructions for use

Art. Nr. C-03603

Safety information:

Fitting and assembly of electrical appliances must only be done by an electrician. Inadherence to the installation instructions could result in fire or other dangerous consequences.

The DMX sequencer is a protection rating III device. Be sure that the voltage in the DMX and the primary side correspond to the SELV- values.

Caution:

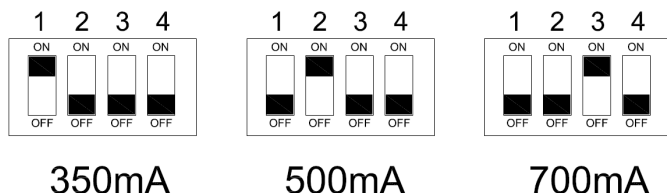
During installation and maintenance, measures must be taken to prevent a polarity reversal of the supply voltage.

Setting the constant current:

BEFORE INITIAL OPERATION, USE THE DIP SWITCHES WITHIN THE UNIT TO SET THE CONSTANT CURRENT TO THE CORRECT SETTING!!

To do this, remove the cover and set the dip switches to the required setting for the constant current as illustrated below.

Caution: Only one dip switch may be in the [ON] position. Dip switch 4 must always remain in the [OFF] position.



Connection

Input connections, refer to the illustration:

- (1) 24V DC Supply across the terminals
- (2) Dim switch across the terminals

Output connections, refer to the illustration:

- (3) Ch1+/- Ch2+/- Ch3+/- LED channels

Technical data

Supply voltage	24 VDC
Output current	350 / 500 / 700mA
Max. output voltage	22V DC
Connection load	1 - 5 LED / channel
Output short circuit protection	Yes
Reverse polarity protection	Yes
DMX transfer rate	250.000 Bps
Working temperature	-5 °C to +40 °C
Analogue input	0-10V
Output signal	PWM / 245Hz

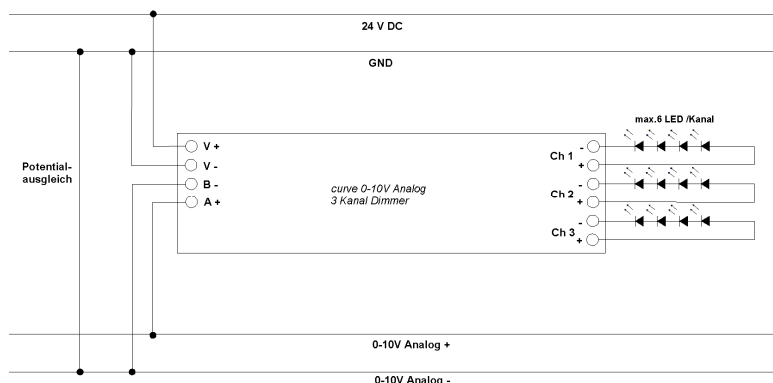
Note:

In order to prevent malfunction, the maximum cable length, supply points, maximum distances etc. must be observed.

Warranty

We provide a guarantee in accordance with the law. Please send the device (free postage) to our central customer service office, with a description of the fault.

Wiring diagram, 0-10V Dimmer:



Function:

The LED dimmer 0-10V analogue can operate and dim high performance LEDs. Up to 20 devices can be connected in parallel. A 0-10V analogue signal is connected to the input A+, which can operate and dim all 3 channels synchronously; see illustration. Input B is connected to the negative supply terminal (same potential).

HEAD OFFICE

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