

FAQ: Dimming with Velbus

For dimming with Velbus the following options are available:

Type of lamp	Can be dimmed with		
	VMBDMI / VMBDMI-R TRIAC dimmer (1 channel) ⁽¹⁾	VMB4DC 0-10V controller (4 channels) in combination with VMB2LEDDC PWM-dimmer for LEDstrips (2 channels)	VMB4DC 0-10V controller (4 channels) in combination with universal 0-10V controlled dimmer ⁽²⁾
Halogen lamp on mains voltage	✓	✗	✓ ⁽²⁾
Dimmable LED-lamp on mains voltage	Compatibility depends on brand and model of lamp. Please test before installation. Set the VMBDMI(-R) to “resistive” mode in Velbuslink.	✗	✓ ⁽²⁾
Low voltage halogen lamp with dimmable wire-wound iron core transformer	✓ Set the VMBDMI(-R) to “inductive” mode in Velbuslink.	✗	✓ ⁽²⁾
Low voltage halogen lamp with electronic transformer	Only leading edge. Not all electronic transformers are suitable for dimming with the VMBDMI(-R). Please test before installation. Set the VMBDMI(-R) to “resistive” mode in Velbuslink.	✗	✓ ⁽²⁾
LED strips (12V / 24V)	✗	✓	
Low voltage LED spot (other than LED strips)	✗	✗	✓ ⁽²⁾

(1) The [VMBDMI-R](#) is the successor of the [VMBDMI](#) with improvements, especially concerning LED lamps.

(2) Results depend on the specific universal dimmer. An example of a universal dimmer that is compatible with the [VMB4DC dimmer controller](#) is the 330-00701 universal modular dimmer 5-350W (analogue) by Niko®.

For wiring diagrams, specifications and more information, see the [product pages](#) on www.velbus.eu.