

FAQ: PIR SENSOR SETS DIFFERENT DIMMING VALUES BEFORE AND AFTER SUNSET

For a general explanation about Velbus, please consult the installation guide on www.velbus.eu.
 Always use the latest version de Velbuslink, freely downloadable on www.velbus.eu > Support > Downloads.

1 QUESTION

My PIR sensor (VMBPIRM, VMBPIRC, VMBGP4PIR or other) switches a dimmed light circuit. When movement is detected, the light should be switched on at 70% during the day, and at 30% during the night.

2 ANSWER

See diagram below. Two push-buttons (on an arbitrary input module) send a pulse at sunrise and sunset resp. by means of program steps. Two relays (virtual or normal, on an arbitrary relay module) allow for setting different dimming values when movement is detected.

The time-out of the PIR motion channel is set to "Momentary".

The "duration" parameter of action "(2014) Atmospheric dimvalue" determines how long the light will remain on after the last motion detection.

NOTE: the programming will only start to work properly when one of the two push buttons has been activated for the first time. You can manually trigger a button in Velbuslink by right-clicking it and selecting "Operate".

