

## MS-1

### Microprocessor controller AS LED lamps

Controller LEDs MS-1 is used for automatic control of lighting in daily cycles programmed by the user. The controller recreates the natural time of day (dawn, day, twilight and night) smoothly by controlling the intensity of light according to the established time periods by the user. The device also enables manual control of lighting, even during program execution. The controller supports two types of lighting: the main lighting - white light and lighting sub - blue light.

The controller enables the smooth brightening and dimming the lights in the range from 0 to 100% power.



### TECHNICAL DATA

Supply voltage	12V DC ( external power supply)
Maximum supply current	1,25A
Max. load current control output	300mA
Interface dimmable	0-100%
The number of digital control outputs	4
Max. number of lamps in a single line	60
The maximum cable length in one line	350m
Cable communication	Yes (Two-way)
Type of communication cable	2x1,5mm <sup>2</sup>

### CERTIFICATES AND SYMBOLS

Degree of protection (IP)	IP-66
CE	Yes
RoHs	Yes