

## Sub-Micro LED modul, Item 8191 / 8191-K / 8191-R

The 8191 light module has been specially developed for model railway lighting.

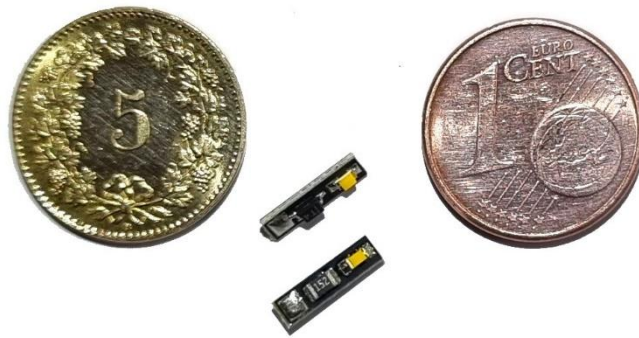
The tiny module has a bright LED on both sides, which illuminate a large area accordingly. A series resistor is already present, as well as a protective diode against wrong polarity. (The diodes do not light up in this case, but do not suffer any damage).

The PCB is connected to a DC voltage of 6 to 27 V or directly to a decoder output and has dimensions of only 2.4 x 8.5 mm and an overall thickness of 2.5 mm.

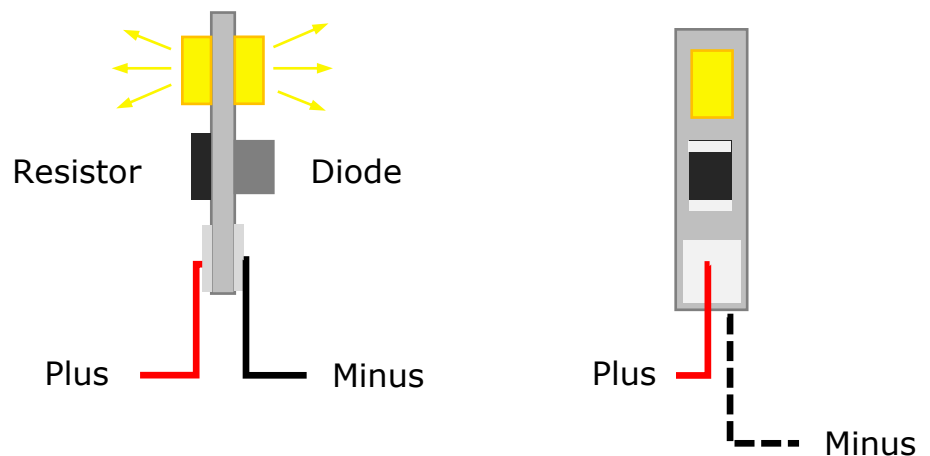
The module therefore also fits in places where space is very limited, for example as cab lighting, for model houses of all gauges, as platform lighting, etc.

The two LEDs are connected in series.

The small module is perfectly suitable as a replacement for incandescent bulbs, for example for the interior lighting of carriages or front lighting of locomotives.



### Connection



### Versions

8191	warm white LED
8191-K	cold white LED
8191-R	red LED