

“Ines” High-Power LED Circuit Board for 5 - 24 V Operation

Ines is an LED circuit board designed for 12/24 V operation. The metal-core printed circuit board is equipped with a High-Power LED.

Due to its wide input voltage range from 5 V to 24 V and its very low power loss the LED circuit board can be operated with a rechargeable battery and can be used for solar applications.
(Note: No deep discharge protection of the battery!)

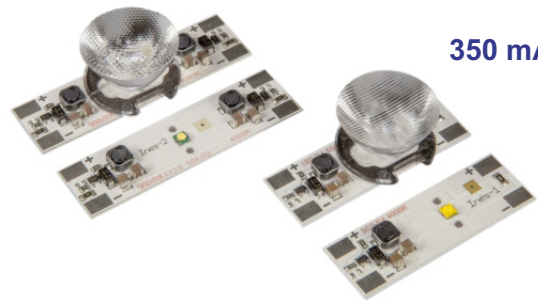
Ines is available in three power classes with LED currents of **350 mA**, **500 mA** and **750 mA**.

The LEDs can be equipped with three different types of lenses: 10°, 30° and 10 x 42°.

As the relatively high power of the LEDs requires adequate cooling, a suitable aluminium heat sink can be supplied as well.

500 mA / 750 mA

350 mA

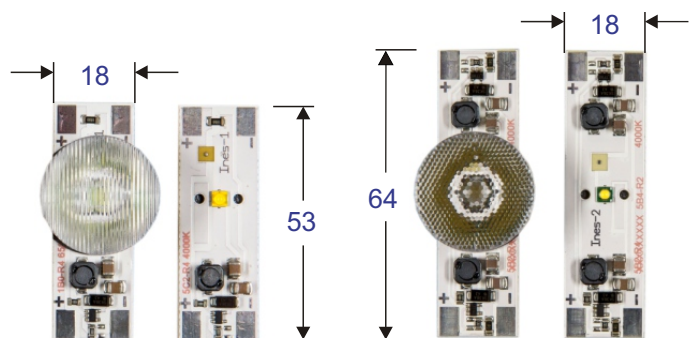


Electrical data:

LED current: 350 mA Input current (12 V): 90 mA – Power rating: 1.08 W
LED current: 500 mA Input current (12 V): 140 mA – Power rating: 1.68 W
LED current: 750 mA Input current (12 V): 220 mA – Power rating: 2.64 W
Input voltage: 6 V – 15 V

350 mA

500 mA / 750 mA



Dimensions in millimetres (mm)

Order numbers

Without heat sink
including lens and 50 cm cable

LED current	Article no.
350 mA	3 500 8001
500 mA	3 500 8002
750 mA	3 500 8003

Embedded in aluminium heat sink
including lens and 50 cm cable

LED current	Article no.
350 mA	3 500 8001
500 mA	3 500 8002
750 mA	3 500 8003

