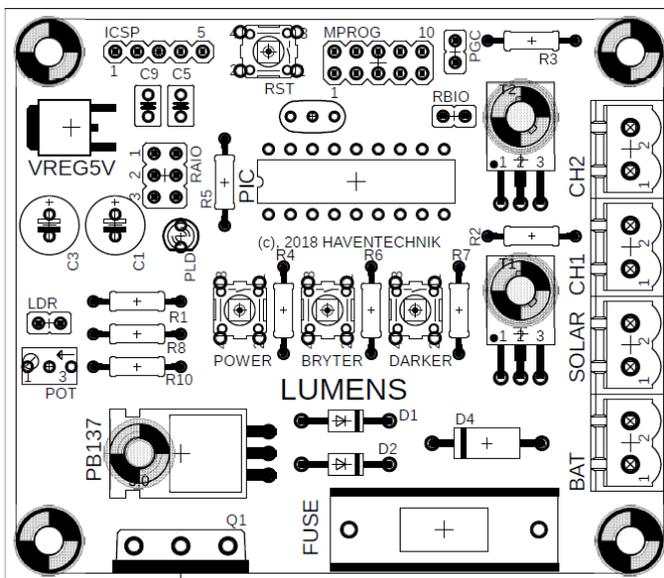
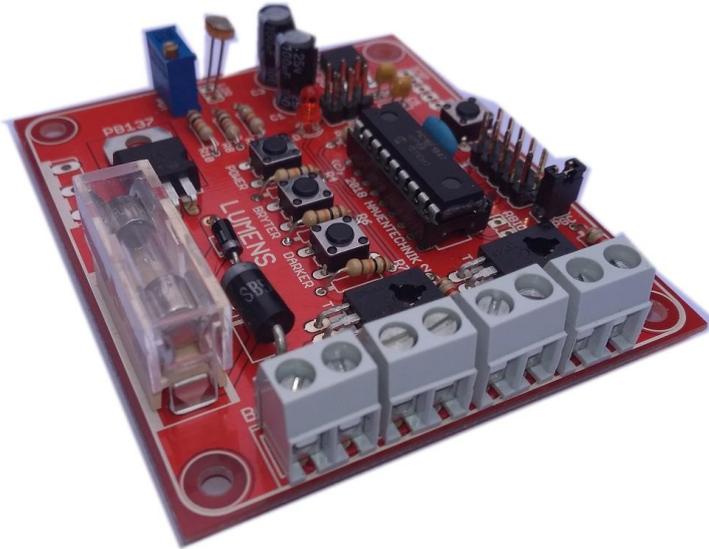


LUMENS

Lumens is a compact and practical product with several useful features that facilitate solar powered, LED driven lighting. Feature summary:

- Microcontroller powered design, with LDO managed power consumption
- Dual Channel PWM from 0 to 100% duty cycle
 - Dual Channel: as seen in the image below right, two LED lights or two banks of LEDs can be controlled simultaneously
- Battery Recharge capability
- Day | Night Function
- Reprogrammable (Advance feature)
- Mounting holes for easy installation



Embedded Technology

The Lumens includes a PIC device which is configured to provide the PWM lighting control of the system. The Day | Night function is facilitated by the A TO D input which allows for the trip point switching the LEDs on and off.

For further information on the system functions, consult the system manual.

Technical Specifications

Item	Description
Battery*	12 V – 7 AH Sealed lead acid
Solar Panel*	Current > 500 mA Voltage > 16 Vdc and <30 Vdc
*All information listed are guidelines and should be confirmed or verified before implementation.	

Availability & Components

The Lumens is shipped either as a kit or fully assembled. The components which include the battery and solar panel are available from your local stockist.

Waranty and Support

The system is under limited warranty and may be returned provided no physical alteration has been made, or the PCB has a verifiable manufacturing defect.

All information contained in this document is correct at the time of publishing and is subject to change without notice. No liability will be accepted for loss or damage to property; the user makes use of the content entirely at their own risk.