



**Code Mercenaries** Hard- und Software GmbH

[www.codemercs.com](http://www.codemercs.com)

LED-Lighting • Keyboardcontroller • Mousecontroller • Joystickcontroller • I/O-Controller • rotary encoder controller

## Press Release

### AgniLine

**Linear LED Light for indoor and outdoor use**



**Light+Building 2010  
Hall 4.0 - E44**



## Press Release

Code Mercenaries will introduce AgniLine a linear LED light for indoor and outdoor use at the Light+Building 2010 show in Frankfurt.

Using the latest LED technology allows efficiencies of more than 100 lumen/W and a wide variety of colored or white light.

Due to the compact size and minimal heat generation it can be mounted in many places. The luminaire body is made of aluminum, which allows optimum heat dispersion and good mechanical stability. A silicone based encapsulant protects the lamp and guarantees a long life.

The use of a safe low DC voltage allows safe installation in wet environments.

AgniLine can be produced in various lengths with a broad selection of LEDs, light colors and custom surfaces. The design of AgniLine has been optimized for easy adaption to customer specifications.

A number of standard variants is available. The standard AgniLine is equipped with two mounting holes and a 1.5 m long cable.

At the Light+Building 2010 a selection of AgniLine equipped with Cree XP-G and MX-6 LEDs, OSRAM OSOLON and Lumileds Rebel will be on display. Standard sizes are 50, 75, and 100 cm.

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## Technical Data

- Dimensions: 20 mm wide x 10 mm high
- Length up to 1 m, standard length 50, 75, and 100 cm
- Input voltage: 20...30 V
- Typical power per LED: 1 W
- Number of LEDs: 2...7
- Pitch of LEDs: 20 cm or 10 cm
- Efficacy: >100 lm/W (depending on light color)
- Ambient temperature: -20...+50 C
- Life expectancy: >30.000 h

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## About us and our products

Code Mercenaries is a supplier for the industrial input devices and peripheral manufacturers since 1998.

In 2008 Code Mercenaries started to develop and manufacture products for LED lighting applications. For the lighting products we apply our product philosophy to provide solutions for certain technical problems to allow our customers to concentrate on their own strength in developing their end products.

The keyboard and combined keyboard/mouse controller family KeyWarrior, and the mouse controller family MouseWarrior serve as basis for a large number of industrial input devices. A small but vital customer base are the manufacturers of products for the disability market and other speciality input devices.

The joystick controller family JoyWarrior serves a broad range of customers from industrial machine/vision control, professional and semiprofessional simulator control, to hobby and model building. A good option for front panel design are the joystick/mouse hybrid controllers MW24J8 and MW24H8 which are switch selectable to work as a mouse or joystick allowing both cursor control and data input via a joystick.

JoyWarrior24F8 is a low cost three axis acceleration sensor. With its small size and simple connection via a USB interface it opens a lot of new application options. The MouseWarrior24F8 variant of this sensor is a mouse replacement that needs no surface for operation.

Applications for the IO-Warrior universal USB I/O controllers are very diverse. Basically only the number of pins and the data rate limits the use of IO-Warrior. It is used in laboratory setups, test equipment as well as in hobby projects or full scale device production either as the core of a device or "just" the interface to USB. IO-Warrior chips control robots and telescopes, do quality control on production lines, take measurements in labs, control switches and displays in front panels or simulator cockpits, or work as the USB interface in many kinds of products.

SpinWarrior is a family of rotary encoder controllers with USB interface. Various models allow from 3 to 6 encoders to be connected to the USB and are suitable for motion control, measurement or human interfacing applications.

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