

# LED Luminaire Manufactory

Quality - Made in Germany



Consulting



**Engineering** 



Manufacture



**Service** 



#### bluleu LED Solutions - History

bluleu was founded in 2003 as a sole proprietorship by Frank Blume, who directs and guides the company with his expertise and industry experience. Blume recognised the need for innovative lighting concepts and focused the company on the development, planning and production of high quality products and solutions in the field of LED technology.

The location of the company is Pattensen-Schulenburg in the Hanover region. In 2012 bluleu was rebranded into bluleu LED Solutions GmbH & Co.KG.

The company specialises in the manufacture of individual lighting systems made of LED components with different colours and light intensities, as well as in supportive guidance through consulting and installation activities.

The products from bluleu are application-specific and technically challenging and are partly developed in cooperation with other companies, institutes or universities. The specifications are extremely diverse and cover aspects such as light quality, light colour, design, control systems, salt water and chemical resistance. Thus the company has achieved a leading position in these specialised applications.



#### Philosophy

- Everything from a single source
- Extensive network of suppliers
- We deliver innovative lighting systems and of course we will not leave you alone with our technology
- LED lighting technology:
  Manufactory Quality Made in Germany



## **LED for Maritime Applications**

High quality LED luminaires for use on cruise liners and yachts. Waterproof, durable, UV and seawater resistant.

Premium workmanship in V4A stainless steel and polyurethane encapsulation.



#### **LED Object Illumination**

Our weather proof LED systems illuminate buildings in a new light. Wallwasher, contour lighting or spot lights: create lighting accents or complex lighting scenes.



#### LED for Fairs, Shops and Store Design

Present your products in a superb illumination. The diversity of colour temperatures and high colour rendering offers a suitable lighting system for almost all applications.



# **Special LED Luminaires**

Our special LED luminaires are custom made for your applications, either as single item or as small-scale series.

These can be produced of nearly any material: stainless steel, seawater resistant aluminum or copper. Suitable for indoor and outdoor use. Our network of suppliers enables us to realise new lighting ideas in short term.







#### **SHIPLED** Flex - product family

If you need a flexible and homogeneous lighting fixture, the ideal choice are the products of our SHIPLED FLEX-product family.

The LED stripes are multi layer encapsulated in polyurethane-waterproof-IP67.

The light diffusing opale top layer creates a homogeneous light distribution for pixel free illumination.

The LED luminaires are flexible and suitable for creative ceiling lighting solutions such as cove lighting, contour lighting, for step lighting, illumination of pool areas and for indirect or direct lighting of indoor and outdoor applications.





#### **SHIPLED** Profile - product family

A wide range of aluminum profiles makes the **SHIPLED Profile** - product family an all-rounder of direct or indirect lighting indoor and outdoor.

There are various types of profiles available, e.g. to illuminate stairs, shelves, or for floor and wall mounted lighting fixtures.

You can choose between over 20 profiles with matching covers and accessories.

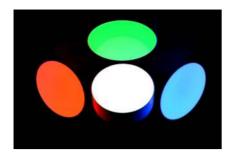
We gladly put together your individual combination of LEDs, profiles, covers and accessories. IP67 protection or even higher.



#### **LED Lighting Systems**

We deliver our LED lighting fixtures pre-assembled and as a plug and play system. Including mounting material, connection cables and accessories for easy and secure installation.

Plug it in - ready!





#### **SHIPLED** Puck - product family

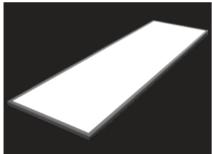
The **SHIPLED** Puck - product family is a LED system completely encapsulated in polyurethane. The round luminaires for area lighting solutions are available in various sizes and light colours.

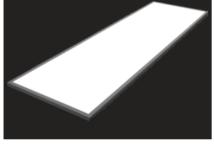
The LED light is homogeneously distributed over the opale top layer by a complex multi layer encapsulation.

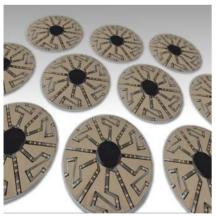
The SHIPLED Puck is waterproof (IP68) and walkable. Thus ideally suited for use underwater in natural pools, in decks made of teak-wood, for area illumination or as bollard luminaires.

By using different LED stripes both the light colour and the light intensity is customizable.

Of course, the **SHIPLED** Puck is controllable by LED PWM dimmers.







## LED panels & F limyè CD-LED-Light

Our LED Panels are your first choice in areas where a minimum installation depth is very important and a homogeneous backlight is required.

The F limyè- CD LED light can be used for homogeneous backlighting of larger areas by simply stringing together several CDs. This innovative LED light impresses with its small height, low power consumption and high light output.









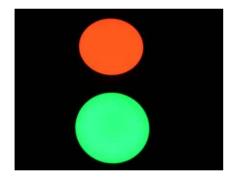
LED luminaires for indoor and outdoor use.

The luminaires are made of V4A stainless steel or marine grade aluminum and can be powder coated on request.

Many of our luminaires are IP67 protected for use both indoor and outdoor. Some types of our luminaires achieve an even higher protection class by a special multi layer encapsulation

Different types of LEDs provide perfect lighting for different application areas.

Light intensity, colour rendering and beam angle are customizable. The luminaires are designed for recessed or surface mounting.



#### **LED Machine Signal Lights**

Set your mark with individually developed machine signal lights from bluleu. For optimum daily use, widely visible light colours and durable housings.



## **LED Machine Lights**

A shadow-free illumination of work areas is important for precise manufacturing.

Our LED machine lights are robust and show a constant high luminosity over the entire surface.







We offer individual customized controllers and power supply solutions. These are designed customer-specifically for each project.

Existing controlling systems on site (Dali, DMX, KNX) are considered prior to the production of the LEDs in order to keep their installation as simple as possible.

From single power supplies to complex control solutions in an electric cabinet with high output power-we have the ideal solution for your applications. Plug & Play: connect it, plug it in - ready!



#### Accessories

Connection cables, mounting profiles, mounting clips, brackets, end caps, wire suspensions etc.

For our lighting systems we of course have a comprehensive range of accessories.



#### **Encapsulation Device**

We own a 3-axis coordinate table with a movement of 1000 x 3000 x 170mm for encapsulation of lighting fixtures and other objects, which have to be protected against environmental influences.

Furthermore, a device for linear encapsulation up to 10 m is available.

Processor-controlled multi component dosing units ensure a consistent high quality of the encapsulation.





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