



## What does our company do?

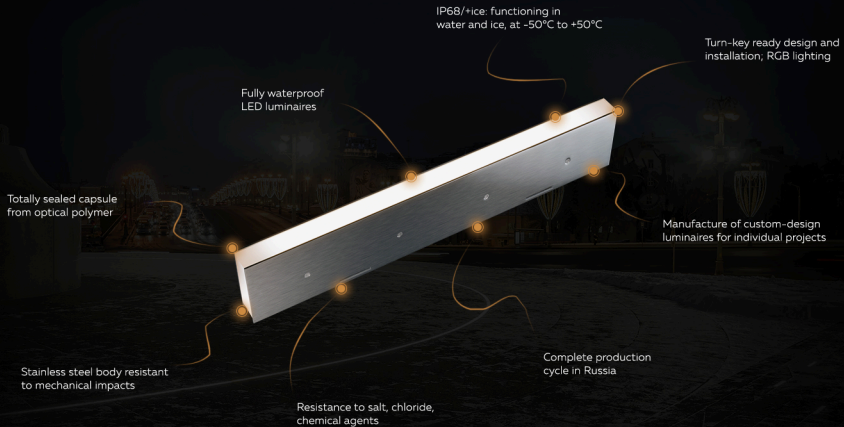
The TRIF Company was founded in Russia in 2014

We produce LED lamps of IP68/IP69K standard for internal and external lighting.

The aim of our company is the production of totally enclosed and absolutely reliable LED lamps for the whole range of applications – from the permafrost of Polar Circle to wet and hot tropics. Due to the latest Russian developments in the field of hermetic encapsulation TRIF lamps can work permanently in water and ice at the temperature as low as  $-50^{\circ}\text{C}$  and they do not have to be dismantled for winter. They are absolutely salt- and sandproof. A totally hermetic capsule with LEDs and a one-piece enclosure prevent water and other substances from getting inside.

## Advantages of partnering with us

- Ⓞ Design of LED lights for individual projects with any technical specifications, including anti-vandal luminaires;
- Ⓞ Turn-key ready design and installation; design of dynamic RGB lighting;
- Ⓞ Rostest and Euro-TUV certifications of compliance with IP68;
- Ⓞ Own manufacturing facilities in Russia and multi-stage quality control allow us to participate in the import phase-out programs;
- Ⓞ All the required tender documents on hand;
- Ⓞ The possibility for replacing old luminaires of other manufacturers without re-embedding the fittings;
- Ⓞ The most high-quality and durable materials and the unique sealing technology of own development ensure over 100 000 hours of non-stop functioning;
- Ⓞ A 3-year warranty: should a luminaire malfunction, we will replace it;



steel (polished, grinded)



bronze (treated, patented)

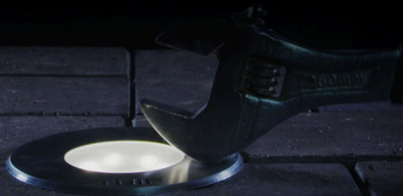


brass (treated, patented)



aluminum (color by RAL)





## Anti-vandal luminaires

The Russian company TRIF designs and manufactures vandal-proof street lighting fixtures. Their shell bodies comply with the IK10 durability standard, which is the highest in this classification.

Our luminaires can't be broken or unmounted without special equipment!

We manufacture ANTI-VANDAL models of various purposes: in-ground, landscape and facade lights, outdoor luminaires for parks, as well as various types of ultradurable LED paving stones.

## IP68 + ICE Waterproofness

Our own sealing technology makes it possible to achieve absolute waterproofness, which guarantees long-term year-round operation of our luminaires in the harsh climate of Russia, from  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

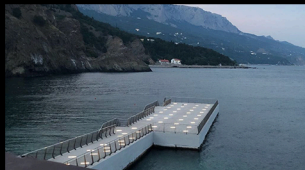
Our equipment can withstand continuous immersion in water, as well as ice pressure, exposure to sand, salts, and chemical agents.

**TRIF**

## The cycle of partnering with our company



**IMPORTANT:** The company's products are presented under the brand name "TIRIF, which is a mark of the high quality of our luminaires. Each lighting fixture passes 3-level quality control at the company's production line in St. Petersburg. The quality of our products is confirmed by CE European certificates and Rostest certificates.



## Certification

**Certification** EAC и CE

**Conforms to the quality standards:**

Impact Protection IK10

Heat protection and Waterproof IP68

**Endures:**

A broad range of temperatures

Resistant to strong wind loads

Resistant to salts and chemicals

The Plexiglas has a 20-year fading and yellowing warranty

## Services

1. Selecting the lighting equipment for your project;
2. Making the illumination calculations in a specialized program;
3. Visualizing the lighting project;
4. Manufacturing LED luminaires to the custom parameters;
5. Shipping and installing the lighting equipment (as agreed).





# TRIF

## Contacts

### Head office:

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