



Fiberli Express

ISSUE 6
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We've already reached the middle of the year. The first half of 2025 has been filled with new products, creative projects, and exciting developments. In a period where innovative steps on a global scale have taken center stage, we at Fiberli continue to bring the transformative power of light into every aspect of life.

In this redesigned issue, filled with new products, eco-friendly solutions, and inspiring projects, we are excited to share the latest updates with you.

Welcome to the 6th issue of Fiberli Express. Enjoy the read!

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- What is the CRI Index and What is it Used For?
- Why and How Do Sea Turtles Get Affected by Light Pollution?
- In the Light of the Tigris: Fiberli's Signature on Baghdad's Bridges
- Nighttime Museum Visits Have Begun in Turkey
- Did You Know That Novosibirsk Tolmachevo Airport is Illuminated by Fiberli Lighting?

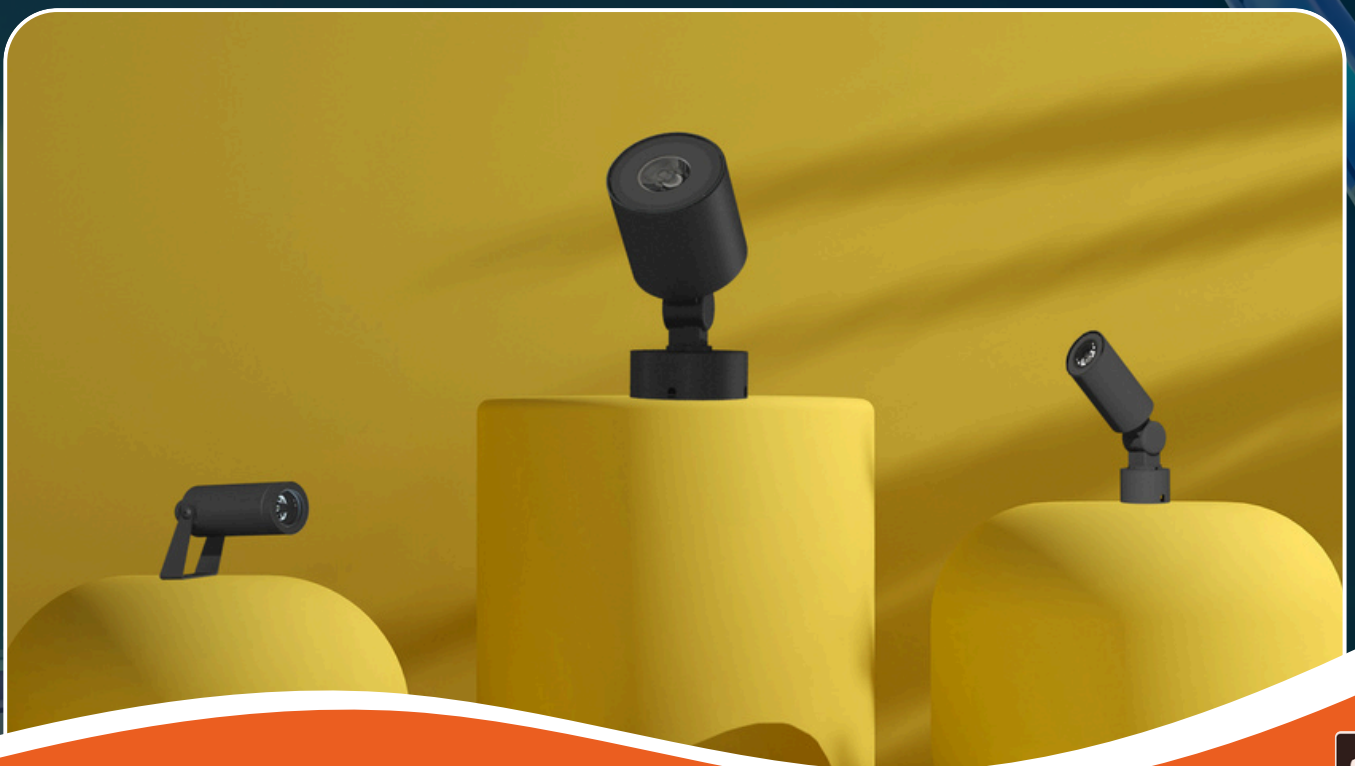


The Elegance of Light with the Bella

Fiberli's long-awaited Bella Series stands out in architectural and landscape applications with its minimalist design and compact structure. Designed with the philosophy of "the elegance of light," the Bella-1, Bella-3, and Bella 500 models combine aesthetics, durability, and modularity in a single product family.

Featuring a circular form and elegant appearance, the Bella Series adapts to various installation needs—from surface mounting to grass spike, pendant, and pole mounting. Moreover, with RGBW FullColor and DMX control options, creating custom atmospheres in spaces has become much easier. The visor and honeycomb options enhance visual comfort, while IK10 impact resistance and IP66 protection rating ensure safe use even in harsh outdoor conditions.

The Bella Series offers more than just a lighting fixture; it merges the power of light with aesthetics as a design element that adds value to any space. It is a stylish and functional solution for anyone who wants to elegantly highlight architectural details.





What is the CRI Index? What is It Used For?

In the world of lighting, one of the most important ways to evaluate the quality of a light source is the CRI (Color Rendering Index) value. But what exactly is CRI, and why is it so important?

CRI is a numerical measure that indicates how closely a light source displays colors compared to natural sunlight. The scale ranges from 0 to 100; a value of 100 means colors are rendered exactly as they appear under daylight. Therefore, lighting with a high CRI value shows colors more vividly, realistically, and accurately.

So, what is it used for?

Especially in interior design, stores, art galleries, or medical fields — in short, anywhere accurate color perception is critical — a high CRI value directly affects the user experience. Lighting with a low CRI value can make colors appear dull or in incorrect tones, which can distort perception.

At Fiberli, in the fixtures we develop, not only aesthetics but also the quality of light are as important as the design itself. Because we know that good lighting is not just about being seen, but about being seen correctly.

Why and How Are Sea Turtles Affected by Light Pollution?

As a brand with over 35 years of experience in lighting technologies, we are aware not only of the importance of using light correctly but also of the impact of its misuse on nature. In this article, we focus on the effects of light pollution—particularly in coastal areas—on sea turtles.

Why Are Sea Turtles at Risk?

Sea turtles have followed the same cycle for millions of years, coming to the shores to lay their eggs. After hatching, the baby turtles find their way to the sea by following the reflection of moonlight. However, artificial light sources such as those from hotels, restaurants, roads, and homes along the coast disrupt this natural navigation instinct.

The result: hatchlings head in the wrong direction, risking being hit by cars, caught by predators, or dying from dehydration.

What Do Studies Say?

Research conducted in Florida shows that on coasts affected by artificial lighting, more than 50% of baby sea turtles fail to reach the sea and die.



Why and How Are Sea Turtles Affected by Light Pollution?

Similar threats exist in Turkey, especially along the Antalya coasts, for *Caretta caretta* species.

So, What Should Be Done?

At Fiberli, we believe in the importance of sustainable lighting solutions. Some measures that can be implemented in coastal areas include:

- **Use of amber LEDs:** They have less impact on the visual spectrum of sea turtles.
- **Directional lighting:** Focusing illumination only on necessary areas.
- **Timer systems:** Lights that turn off during specific hours.
- **Low mounting heights:** Prevents light from spreading over wide areas.

A Note from Fiberli

Lighting makes life easier, but when used carelessly, it can threaten wildlife. At Fiberli, we continue to lead the way in producing nature-friendly solutions that prevent light pollution and ensure light is used without harming the environment.






In the Light of the Tigris: Fiberli's Signature on Baghdad's Bridges

The Tigris River, flowing through the heart of Mesopotamia, connects not only the two banks of Baghdad but also links the past with the present. The ancient bridges spanning this river are now being retold through the language of light.

At Fiberli, we have taken on the lighting of the bridges over the Tigris in Baghdad, contributing meaningfully to the city's nighttime landscape. The Sinak, Jumhuriya, Adhamiyah, Ahrar, Jadriyah, and 14 July bridges, with Fiberli's technical expertise and design approach, are becoming not just transportation structures but iconic city symbols defined by light. With ongoing projects, we continue to illuminate Baghdad and cities around the world.

For Fiberli, which has signed many prestigious projects across Iraq, this work is more than just a lighting installation—it is a touch to the spirit of a geography.

A large, ancient stone amphitheater is illuminated at night. The tiered seating area is lit from below, and the stage area is also lit. The structure is made of large, weathered stone blocks. The background is dark, suggesting a night sky. The overall scene is dramatic and historical.

Nighttime Museum Visits Have Begun

The Turkish Republic, Ministry of Culture and Tourism's Nighttime Museum Visits program, which attracted great interest last year, continues this year as well.

From June 1 to October 1, 2025, 27 of Turkey's historical sites will be open to visitors during nighttime hours. On this enchanting night journey, unique lighting solutions by Fiberli are being applied to many museums and archaeological sites, featuring special light scenarios tailored to the historic structures.

Some of the sites illuminated as part of the Nighttime Museum Visits:

- Galata Tower – Istanbul
- Hagia Sophia – Istanbul
- Antalya Museum – Antalya
- Alanya Museum – Antalya
- Aspendos Archaeological Site – Antalya
- Patara Archaeological Site – Antalya
- Side Archaeological Site – Antalya
- Necropolis Museum – Antalya

[Click Here for the
List of Museums
Participating in the
Nighttime Museum
Visits](#)

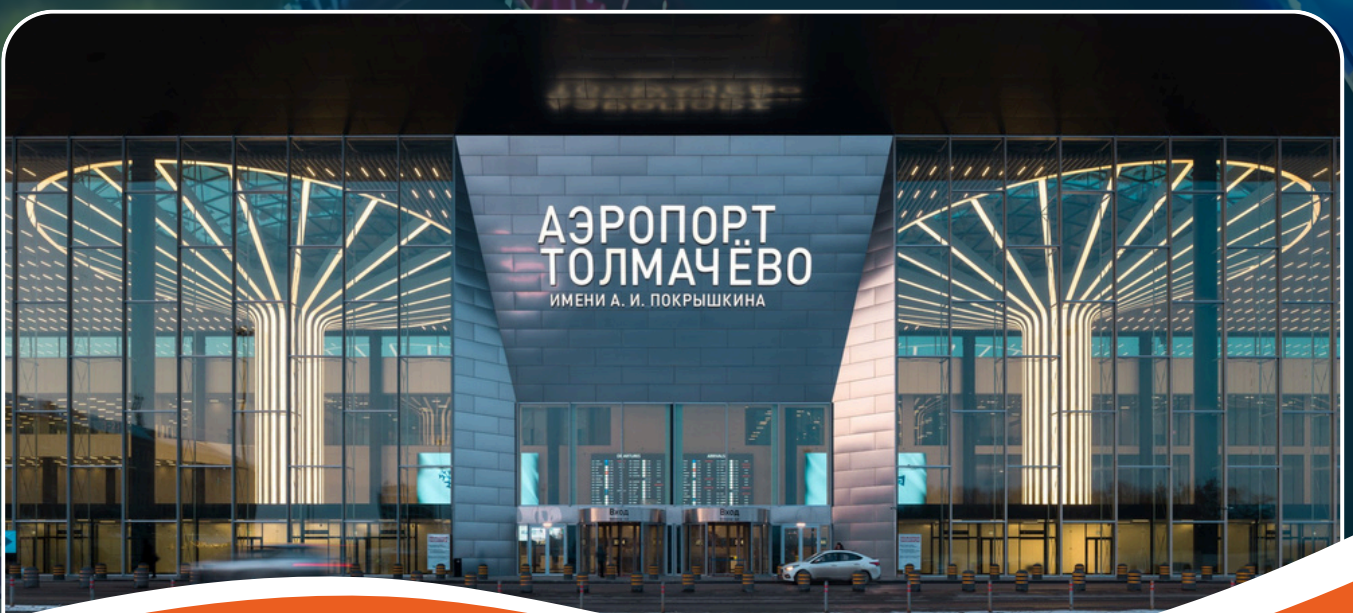
Did You Know That Novosibirsk Tolmachevo Airport is Illuminated by Fiberli Lighting?

Located in the vast Siberian lands, where most of the year is covered in snow, Novosibirsk Tolmachevo International Airport is one of the busiest airports not only in the region but across all of Russia. At this strategic hub, where even a second without light can be critical for passengers, there is now a mark of Turkish engineering: Fiberli lighting.

At this massive transportation infrastructure, located 4,500 kilometers away from Antalya, many Fiberli products were chosen—from emergency kit fixtures such as the ERL, EPL, LLEN, and LLK series to panel lights and Yonja series downlights. Fiberli's experience was evident in every phase of the project, from design and product selection to technical support.

Lighting, one of the most important components of a comfortable and safe travel experience, here has become more than just a function; it stands as a symbol of quality, safety, and engineering success.

Fiberli is wherever there is light. This time, in the skies of Siberia.



In this issue, we explored together the aesthetics, functionality, and responsibility that light adds to our lives.

From the elegance of the Bella Series to the technical details of the CRI index, and the delicate relationship sea turtles have with darkness, we once again witnessed how broadly light touches our world. On this journey spanning from the bridges over the Tigris River to airports in Siberia, from museums opening their new nighttime faces to environmental awareness, every line brought us together with Fiberli's light.

Light exists not only to see but also to tell stories, protect, and inspire awe.

Until we meet again in the next issue...

We wish you an enjoyable read.

A better way to see!



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