

press release

TWO TONES IN HARMONY SOLIS BRINGS TOGETHER BIORHYTHMIC LIGHT AND FABRIC



For the first time, a decorative pendant luminaire combines a homely textile body with professional biorhythmic light quality. The new SOLIS from Studio Okular and KITEO therefore simultaneously meets several important requirements for ideal room lighting: in addition to functional basic lighting, it also offers an emotional, decorative design and a healthy lighting effect that is tailored to the human biorhythm.

How to harness sunlight in a decorative textile luminaire? Studio Okular and KITEO addressed this question in an intensive innovation and design process. The result is SOLIS, a pioneering pendant luminaire that perfectly combines human-centric lighting with decorative homeliness. Its technological basis is the proven PI-LED technology, which has been setting the industry standards for effective and high-quality biorhythmic lighting solutions for more than two decades.

The elasticity of fabric meets the dynamics of light

Natural sunlight changes in colour, intensity and effect not only during the course of the seasons, but also through the day. In the morning, its pleasant warm-white colour temperature helps us get off to a harmonious start, and then actively promotes our performance capability through an increasing proportion of blue by noon, and finally prepares us for the sleep phase in the evening with relaxing orange-white tones. The aim in developing SOLIS was to reproduce this natural dynamic not only in light quality, but also in the shape of the luminaire. So, how can light dynamically mould fabric and how can the properties of both materials be combined in a symbiotic way?

Andrea Graser, owner of Studio Okular, explains the design approach: *„Through its interplay of sunlight and fabric, SOLIS is exceptionally appealing. The fabric itself becomes a light body and its textile properties really come into their own. The PI-LED light technology is integrated as a glowing glass sphere whose weight determines the shape of the fabric lampshade. The light itself therefore forms the luminaire. Due to the translucent appearance of the fabric, the outline of the luminous PI-LED solar sphere is subtly visible. Here the fabric is clearly the supporting cast, while the light is the main actor.“*

SOLIS makes rooms versatile

SOLIS is suitable for private living spaces as well as bars, restaurants and reception areas, e.g. in hotels. The aesthetic pendant luminaire blends harmoniously into any environment and its light defines the emotional impact of a room. Its appeal lies not only in the design but also in the extraordinary lighting effect.

The textile body with a diameter of 50.4 cm conceals the award-winning PI-LED technology, which combines variable white light and RGB light colours in a single light source. With PI-LED, colour temperatures can be controlled within a range of 1,500 - 12,000 K, which enables particularly realistic daylight scenarios. SOLIS also benefits from the advantages of PI-LED in terms of precise light distribution and extremely high system efficiency. The excellent colour rendering index of CRI >90 in the range from 2,500 K to 7,000 K ensures brilliant light quality at all times. In addition, SOLIS has both a direct and indirect light component due to its sophisticated handling of material and light. Different daylight scenarios (e.g. summer, northern Europe, etc.) can be pre-programmed, but manual settings for individual lighting scenes are also possible at any time.

In addition to its excellent white light qualities, SOLIS scores extra points with an infinite spectrum of RGB light colours. Even the most unusual lighting scenes and accentuations can be achieved. SOLIS creates visual highlights either as a stand-alone piece, or as an ensemble of several luminaires. With the latter variant, different light colours and scenarios can be assigned to each luminaire. Zoning and individual lighting concepts are now easier to implement than ever before.

SOLIS is controlled wirelessly via the WALLY wall-mounted control dial or the „myPI-LED“ app. Therefore, only one power connection is required for the installation. Alternatively, there is also a DALI control option for professional applications.

SOLIS in detail

- Decorative pendant luminaire for accent and general lighting with PI-LED technology
- Removable textile body for vintage light bulb look
- Pre-programming of individual lighting scenarios and manual control possible
- Direct and indirect light component
- Highest biorhythmic light quality - melanopically effective light
- Colour temperature: standard 2,500 K to 7,000 K (optional 1,800 K to 12,000 K)
- Colour rendering: CRI > 90 from 2,500 K to 7,000 K
- High colour point stability due to microcontroller-controlled LED management with temperature compensation and factory calibration
- High optical efficiency due to integrated highly specular reflectors
- Smooth light mixture and uniform light distribution
- Integrated aluminium heat sink
- Monitoring of operating temperature with automatic dimming protective function

Press images



About KITEO

KITEO is a premium brand for sophisticated biorhythmic LED lighting solutions. KITEO is the first point of contact for building owners, architects, lighting designers, electrical installers and end customers, from conception and planning to the development of future-oriented luminaires and the implementation of complex human-centric lighting projects. The KITEO luminaire portfolio comprises products both for professional projects and for private living comfort in your own home. An important aspect of all KITEO solutions is scenic concepts in which ambience and a comfortable atmosphere are the focal point. KITEO relies on innovative PI-LED technology, which combines human-centric lighting and brilliant RGB colour effects in a single light source, bringing the natural pattern of daylight into every room.