

BiOWNLIGHT

Smart LED luminaire **BiOWN**[®]
Unique 6 channels and 9 LED light mixing technology

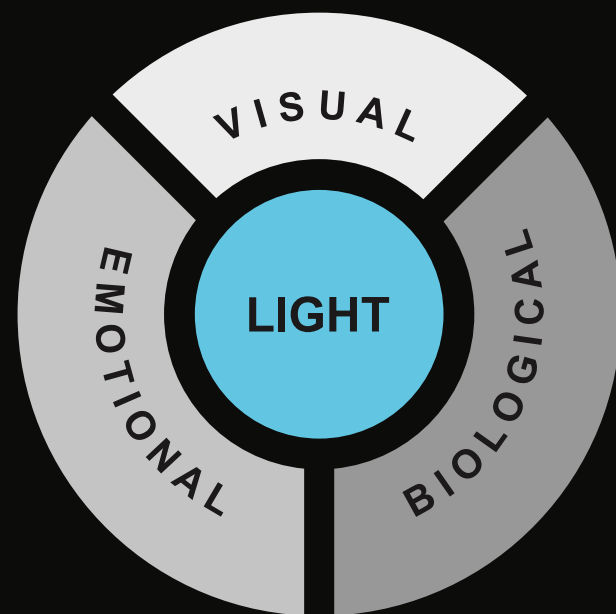
BiOWNLIGHT

BiOWNLIGHT technology is a smart LED lighting system developed by the Lithuanian company **SELTEKA** in collaboration with scientists from Vilnius University and Kaunas University of Technology.

This product reflects the biological needs, which are essential for every human. We created a system, which is not only energy-efficient, but it also adopts the natural biorhythm, which maybe even more important than practical demands.

This is a new step in enhancing peoples' living and working environment.

It is a perfect choice for the Office, Medical, Educational, Industrial, Residential and other places, where a circadian lighting brings the largest benefits.



BENEFITS

Optimizes indoor environment for well-being and comfort.

Enables adaptive and personalized lighting experience.

Improves health & productivity by supporting human biorhythm.

PRODUCT FEATURES

Resembles natural light. Colour rendering index $Ra > 95$, $R9 > 90$.

Automatically changes light intensity and colour temperature.

Responds to external lighting dynamics.

Drivers and circadian controls integrated inside the luminaire.

Easy installation and management via web-interface.

Simple user control by two buttons or via smartphone.

Integrated motion and ambient light sensors for energy saving.

Designed to deliver light from a large light emitting surface.

Warranty 5 years (limited).

enhanced (HCL) HUMAN CENTRIC LIGHTING

1800K - 6500K

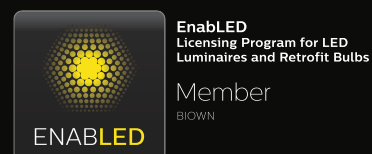
Extensive melanopic Lux range

$Ra > 95$

$R9 > 90$

Flicker free up to 800 Hz

MOOD
PRODUCTIVITY
SUSTAINABILITY
PERCEPTION
VISUAL ACUITY
CIRCADIAN RHYTHMS



www.biownlight.com



LpS / TiL AWARDS
(2018)
NOMINEE

PRODUCT OF THE YEAR
GOLD MEDAL
Lithuanian Confederation of Industrialists
LITHUANIA 2018



INDUSTRY

BIOWNLIGHT for the next industrial revolution!

BIOWNLIGHT support employees performance and motivation, helps to reduce error rates.

Anti-Glare function
CCT: 2700K - 6500K | IP20; IP44



MEDICAL

BIOWNLIGHT for human's well-being!

Lighting ensures better environment at hospitals. It aids recovery and helps to create a sense of well-being.

Biodynamic automatic circadian function
White colour recognition function
CCT: 1800K - 6500K; 2700K-6500K
IP20; IP44



BIURO

BIOWNLIGHT for motivated and powerful team!

Human centric lighting can make office work more effective. Provides optimal or higher concentration and productivity conditions.

Biodynamic automatic circadian function
CCT: 2700K - 6500K | IP20



EDU

BIOWNLIGHT for positive learning environment!

At schools light helps create the environment where students learn faster and improve their academic results.

Biodynamic automatic circadian function
CCT: 2700K - 6500K | IP20



HAUS

BIOWNLIGHT for healthy and cosy home environment!

Energising light during morning hours support speedy start of the day and cosy light in the evening help relax after a long day.

Biodynamic automatic circadian function
CCT: 1800K - 6500K; 2700K-6500K
IP20; IP44



NEW

OUR NEW HCL LUMINAIRE STAND-ALONE

Unique HCL technology to light up your workplace.

Designed to produce highest daylight colour rendering for physical comfort and emotional well-being.

Biodynamic automatic circadian function
CCT: 1800K - 6500K; CCT: 2700K - 6500K
IP20

