

LIGHT IN YOUR RHYTHM

**TUNABLE
WHITE**

Vibes and ambience of an interior depend on many factors. Light, which can "change" an interior, is among the most important ones. The colour of the light and amount of luminous flux allows to create an atmosphere of cosiness or austerity. The beam angle of the light allows to emphasise the most important elements and hide those which we do not want to expose.

The light creates forms, colours, textures and limits. The light creates an interior and influences our mood.

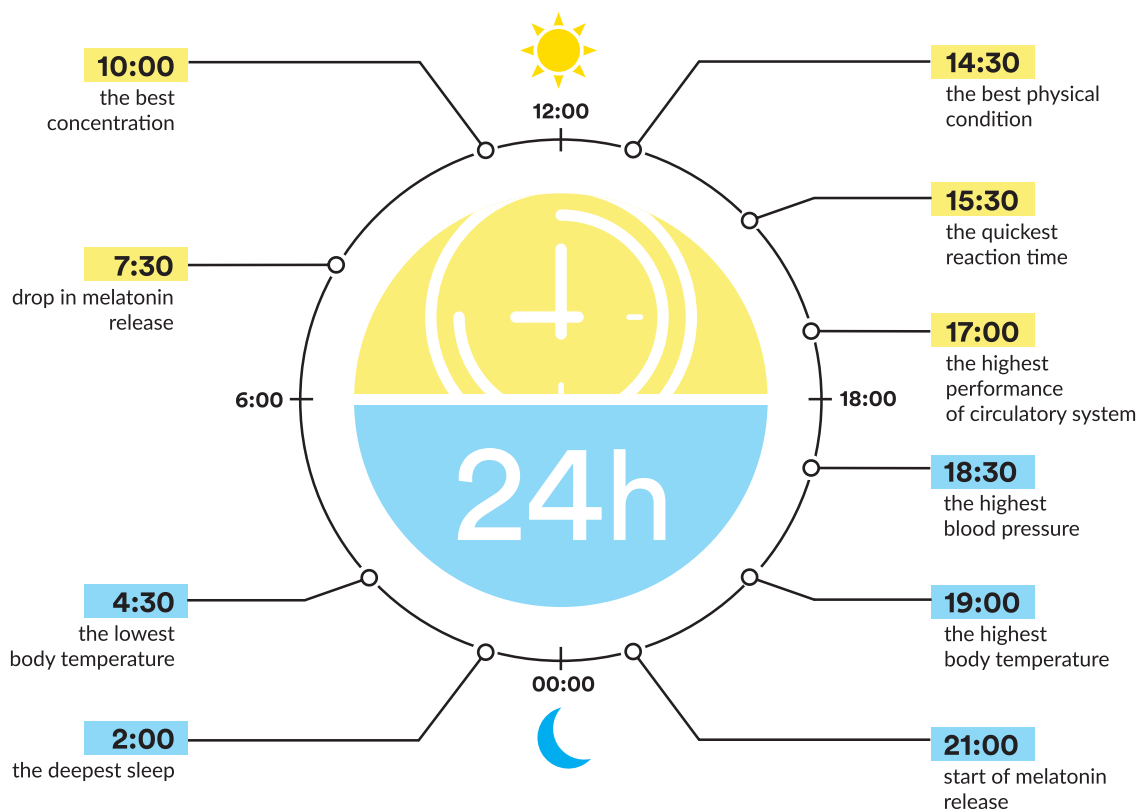
Influence of light on people

Thanks to the development of technology, we are able to decide on brightness, colour and other parameters of light which influence our mood, ability to focus and our overall well-being. As recommended by medical communities, the type of lighting should be similar to

natural light as far as possible, in order to match it to a person's sleep-wake rhythm. It allows for maximum support of our concentration and calms us down before going to sleep - to rest effectively.

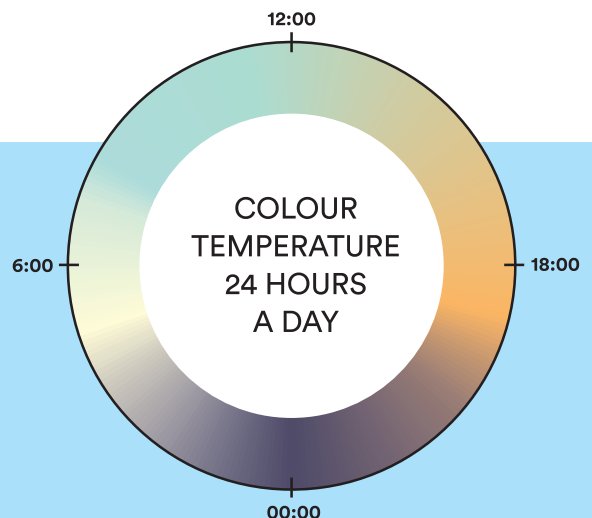


Human circadian rhythm



Natural light

It has been proven that following the changes of natural light during the day brings immense physiological and psychological benefits. This aspect seems to be even more important as sleep and concentration disorders, stress and symptoms of modern-age diseases are becoming increasingly common.

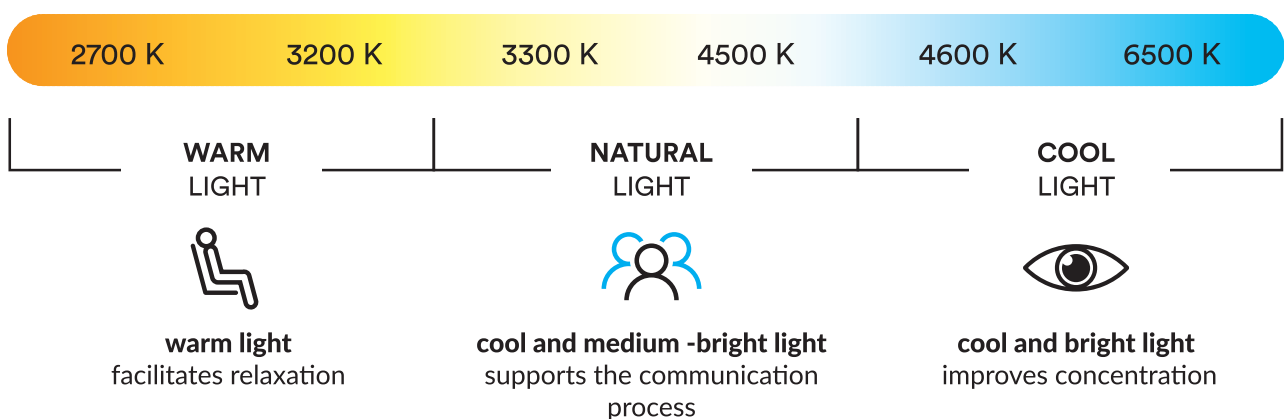


How to match lighting to the changing natural light?

TUNABLE WHITE

Tunable White is a technology which allows the user to adjust the colour (colour temperature) and luminous flux of a luminaire or group of luminaires, imitating natural light which colour and intensity changes during the day.

Tunable White can be also adjusted to your current needs and activities you perform, regardless of time of the day.



How does it work?

There are two types of diodes in the luminaire. Using the **DALI** control you can, with a touch panel or application, set the colour and luminous flux. It is also possible to operate it manually or to select pre-programmed lighting scenes.

Where can Tunable White be used?

Tunable White can be used in all places where people are present. In particular, it will:

- improve effectiveness when working in an office
- ensure that your mood is good and improve recovery of patients in hospitals
- positively influence concentration and learning effectiveness in schools
- create an appropriate environment for discussions and meeting in conference halls
- maintain high level of productivity, 24 hours a day, in production halls
- help to stay focused and improve accuracy and precision in laboratories
- improve overall efficiency and effectiveness of activities in rehabilitation rooms
- create the appropriate atmosphere in sanatoria
- support calm, homely atmosphere in nursing homes
- ensure the appropriate level of discretion and calmness in hospices
- emphasise products and their colours in shops
- improve the level of artistic experiences in museums

Ask for Lena Lighting products
with **Tunable White** technology!

TUNABLE
WHITE



Compact LED Evo

color temperature	2700 - 6500 K
installation	recessed / surface
dimensions	595 x 595 x 71 mm; 1200 x 250 x 66 mm
luminous flux	2650 lm - 7650 lm
level of security	IP44 / IP20

TUNABLE
WHITE



Smart LED Evo

color temperature	2700 - 6500 K
installation	surface / suspended
dimensions	1140 x 55 x 65 mm; 1420 x 55 x 65 mm 1140 x 55 x 75 mm; 1420 x 55 x 75 mm
luminous flux	3100 lm - 5900 lm
level of security	IP20

TUNABLE
WHITE



Tytan LED

color temperature	2700 - 6500 K
installation	surface / suspended
dimensions	1152 x 85 x 80 mm; 1432 x 85 x 80 mm
luminous flux	4200 lm - 10250 lm
level of security	IP66

TUNABLE
WHITE



Nectra LED Plus

color temperature	2700 - 6500 K
installation	recessed
dimensions	ø121 x 67 mm, ø170 x 69 mm, ø222 x 70 mm
luminous flux	620 lm - 3300 lm
level of security	IP44

TUNABLE
WHITE



Capella Led Plus / IoT

color temperature	2700 - 6500 K
installation	surface / suspended
dimensions	ø320 / 105mm, ø340 x 105mm, ø325 x 177 mm (+ length of suspension)
luminous flux	950 lm - 1700 lm
level of security	IP20 / IP54 / IP65