
with the
TUNABLE WHITE
TECHNOLOGY
HUMAN
CENTRIC
LIGHTING
TREVOS

HUMAN CENTRIC LIGHTING

BOOSTS CIRCADIAN RHYTHMS IN THE HUMAN BODY.
THESE SIGNIFICANTLY AFFECT OUR HEALTH, WELL-BEING AND PRODUCTIVITY.

A circadian rhythm is a 24-hour biological rhythm that cycles between sleepiness and alertness.

It ensures the proper timing of a variety of processes in the body as well as coordinating various activities of the organs.

THE CORRELATED COLOUR TEMPERATURE (CCT) CHANGES DURING THE DAY,
AFFECTING HOW ENERGETIC HUMANS ARE.

6:00 a.m.	8:00 a.m.	10:00 a.m.	12:00 p.m.	2:00 p.m.	4:00 p.m.	6:00 p.m.
2700 K	3500 K	4500 K	6500 K	4500 K	3500 K	2700 K

SUNRISE	MORNING	NOON	AFTERNOON	EVENING
warm light low intensity	white light high intensity	cool light high intensity	white light high intensity	warm light low intensity
waking up low level of melatonin activity of organs and body system	high alertness increased productivity	fastest reactions best coordination	high alertness increased productivity	start feeling sleepy preparing for sleep high melatonin production

1 MORE ENERGY

2 INCRESED IMMUNITY

3 BETTER MOOD

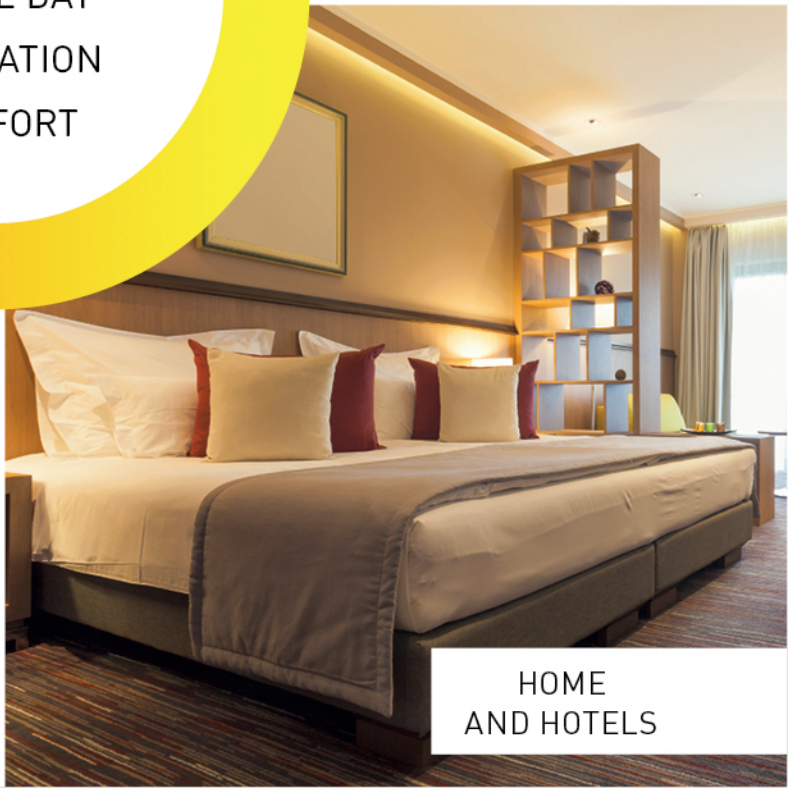
4 BETTER SLEEP

ELDERLY CARE

HOSPITALS AND THERAPY

BETTER SLEEP
FASTER TREATMENT
ACTIVE DAY
RELAXATION
COMFORT

MEETING PLACES



HOME AND HOTELS

INDUSTRIAL BUILDINGS

OFFICES

HIGHER

PRODUCTIVITY

ALERTNESS

RELIABILITY

THOROUGHNESS

SPORTS FACILITIES

SCHOOLS

TREVOS Light Fittings Human Centric Lighting

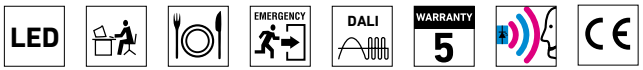
Lighting using HCL principles includes a module Tunable white (TW).

There is no doubt our HCL products are the best equipped fixtures currently offered by TREVOS.

Almost all TREVOS light fittings may be fitted with a TW module.

The module allows users to adjust both the correlated colour temperature (CCT) from warm to cool white (2700 K - 6500 K) and the lighting intensity (dimming).

Specifications



- Lifetime: 50 000 hours / L80B10
- In the DALI design, constant luminous flux for the whole lifetime (CLO)
- Constant luminous flux even in ambient temperature -25 °C
- It can be delivered in an emergency version

LIGHTING CONTROL HAS NEVER BEEN SO EASY

All you need to control your light fittings is a smartphone or a tablet. Just download the app to get access to a range of functions. You will be able to:

- choose the right lighting colour temperature (CCT)
- set the dimming features
- plan how each fitting works by creating light schedules
- set scenes and create groups
- easily modify the system if it is extended in the future

TO BOOST CIRCADIAN RHYTHMS

MADE IN CZECH REPUBLIC

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