

HUMAN CENTRIC LIGHTING MADE EASY: MYLIGHTS TUNABLE.

LIGHT DOES NOT ONLY ENABLE US TO PERCEIVE OUR SURROUNDINGS OR PERFORM VISUAL TASKS. IT ALSO HAS AN EFFECT ON US BIOLOGICALLY AND EMOTIONALLY. THE CHANGE IN COLOUR TEMPERATURE OVER THE COURSE OF THE DAY, TOGETHER WITH CHANGING LEVELS OF BRIGHTNESS, INFLUENCE OUR BIO-RHYTHM AND FEELING OF WELL-BEING.

The term “Human Centric Lighting” stands for a lighting concept that focuses on human health and well-being by taking into account the emotional and non-visual effects of light.

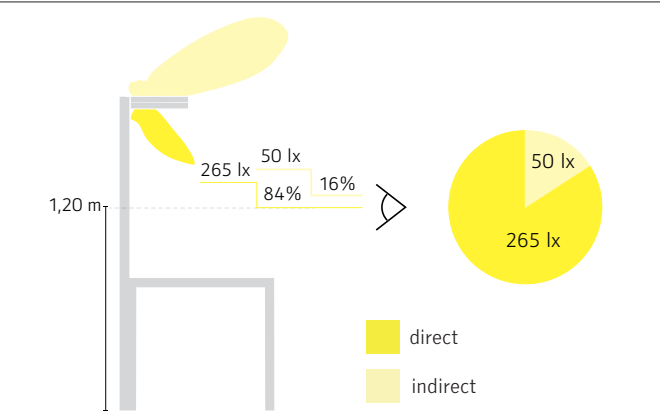
BIOLOGICAL EFFECTIVENESS

One of the key factors when it comes to the non-visual effect of light is what level of light actually reaches the eye. The double asymmetric light distribution delivered by Lightpad optimises the impact of the biologically effective lighting while meeting all standards (pursuant to DIN SPEC 67600).

DIRECT AND INDIRECT LIGHT OF THE SAME COLOUR TEMPERATURE

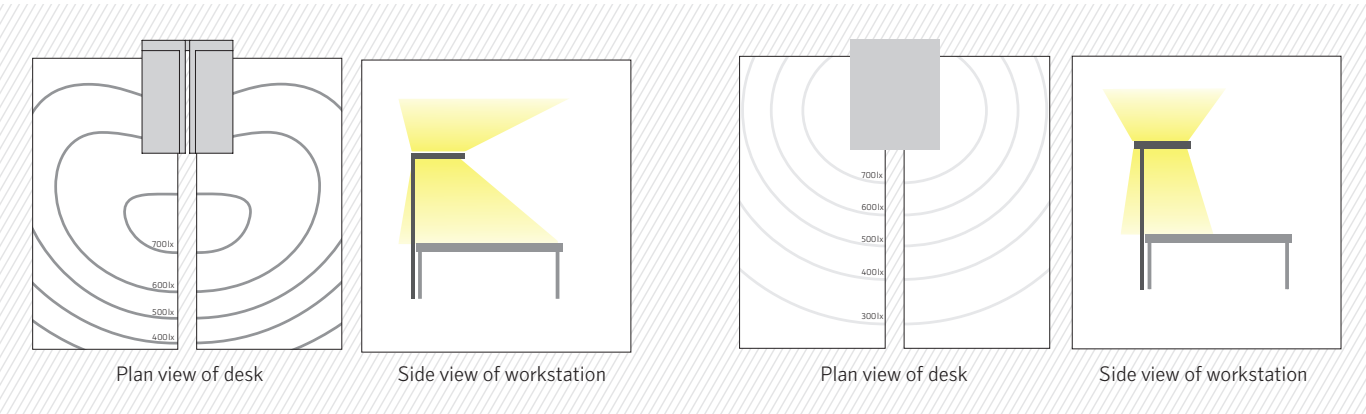
In the case of Lightpad, the direct and indirect light components are of the same colour temperature. This means that the random mixing of different colour temperatures is avoided as far as possible and the biological effectiveness of the lighting further enhanced.

LUMINAIRE HEADS CAN BE CONTROLLED SEPARATELY
The luminaire head dedicated to the respective workplace can be controlled to deliver light to serve the needs of the individual user.



High vertical illuminance on the eye thanks to double asymmetric light distribution (calculation for a single office 4,0 m x 5,5 m)

THE DOUBLE ASYMMETRIC LIGHT DISTRIBUTION



LIGHTPAD
ASYMMETRIC LIGHT DISTRIBUTION

CONVENTIONAL FREE-STANDING LUMINAIRE
SYMMETRIC LIGHT DISTRIBUTION

The luminaire delivers double asymmetric light distribution, thus meeting the requirements laid down in the standards for the uniform illumination of workstations. In short: we think in terms of desks, not in illuminance levels.

INTEGRAL MY TECHNOLOGIES.

THE INTEGRAL MY TECHNOLOGIES MODULE ENABLES A WIDE CHOICE OF TECHNICAL POSSIBILITIES AND OPTIONS.

MYLIGHTS TUNABLE: Along the lines of “Plug & Play”, as soon as it is plugged in Lightpad automatically runs in the “Natural course of daylight” mode. Thanks to the app, it has never been more simple to fix or edit individual settings, enabling the user to enhance his/her feeling of well-being by selecting automatic or personalised lighting preferences over the day.

ALONE at WORK: Lightpad luminaires all feature ALONE at WORK technology, which was developed by Regent. In open-plan offices using free-standing luminaires, there is a risk of lonely pools of light forming around individual workstations that are still occupied after dark, which gives rise to harsh light-dark contrasts. In order to avoid this, ALONE at WORK networks the luminaires and switches those located in the close vicinity of the occupied workstation to a low level of brightness. The cloud of light makes for a pleasant atmosphere in the space and supports concentration.

MYDATA ANALYSIS: with the My Technologies module, the technological prerequisites are already in place to be able to benefit from MyData Analysis. Unused workstations, increased energy consumption, unoccupied meeting rooms – the concept of employee mobility in an open space office environment presents you with a range of new challenges. Through the collection of real-time data using the integral sensor technology, it is possible to maintain an overview of the utilisation of the office space and how much energy is being consumed. This means you can optimise the number of workplaces actually needed, improve efficiency, and save costs accordingly (additional service package including hardware components required).

→ www.regent.ch/technologies

LIGHTPAD TUNABLE RANGE



FOR SINGLE PERSON WORKSTATION, LEFT



FOR TWO PERSON WORKSTATION, LATERAL

Luminaire heads can be controlled separately



FOR TWO PERSON WORKSTATION, LATERAL, WELL-SPACED

Luminaire heads can be controlled separately

For further information please visit www.regent.ch/lightpad-tunable

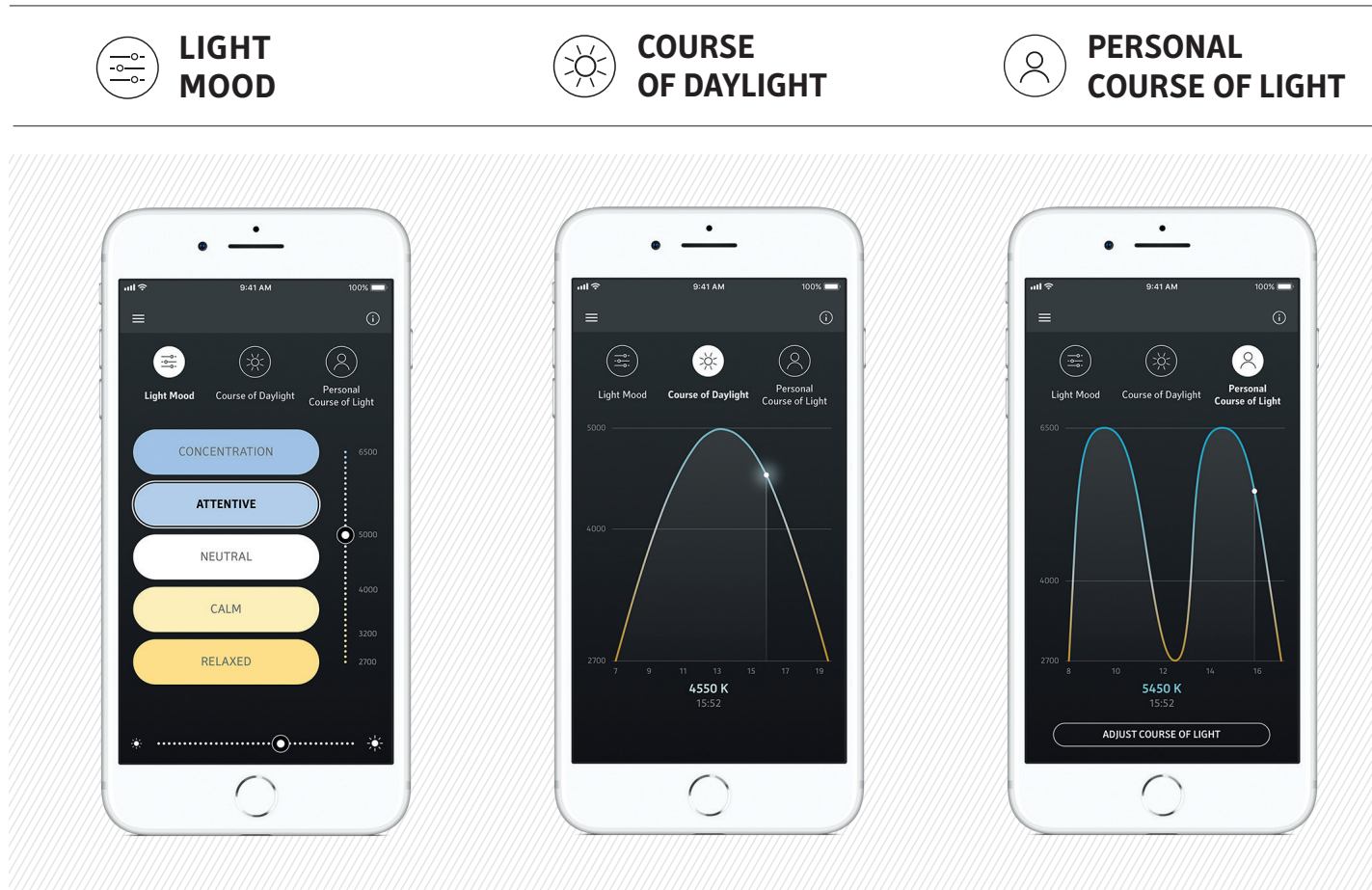


INDIVIDUALISED LIGHT. FOR AN ENHANCED FEELING OF WELL-BEING AT THE WORKPLACE.



MYLIGHTS TUNABLE. CAN BE CONTROLLED SIMPLY VIA AN APP.

WITH THE APP DEVELOPED SPECIALLY FOR LIGHTPAD TUNABLE YOU HAVE HUMAN CENTRIC LIGHTING LITERALLY AT YOUR FINGERTIPS. CONNECT YOUR SMARTPHONE TO THE LUMINAIRE VIA BLUETOOTH AND SELECT FROM THREE SETTINGS.



WORK-RELATED LIGHTING
The lighting atmosphere is adjusted to suit the activity to be performed: you can choose from five different moods from focussed to relaxed, or select a colour temperature setting manually from the range provided. The colour temperature will remain set unless changed manually.

NATURAL DYNAMIC LIGHTING
Just as natural changes in daylight are caused by the course of the sun, so the colour temperature changes over the course of the day. In accordance with our circadian rhythm, the colour temperature tends to have an activating effect on us in the mornings and a relaxing effect in the evening: thus positively impacting our sleep-wake rhythm.

PERSONALISED DYNAMIC LIGHTING
Based on five questions with regard to working hours and preferred colour temperature, an ideal light curve is created to suit your needs. The colour temperature is then set to change over the course of the day in line with your personal requirements, thus supporting your bio-rhythm.