

SUNLIGHT

«SUNLIGHT or when the artificial light becomes natural light. »

WHAT IS CIRCADIAN RHYTHM?

The circadian rhythm is a biological rhythm that governs a set of physiological processes of man and animal (cognitive abilities, sleep / wake cycle, heart rate, mood, memory and body temperature).

Its duration is about 24 hours and it is regulated by the light that plays the role of synchronizer.

Man today spends more than 80% of his time indoors, subject to artificial lighting. The lack of exposure to natural light helps to disrupt the biological rhythm and results in a decrease in the daily sleep time of about 1 hour for 100 years. In addition, a desynchronized biological rhythm leads to **disturbances of sleep and mood, a lower concentration and promotes the onset of seasonal depression.**

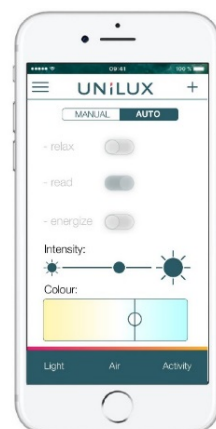
INTELLIGENT AND INTUITIVE

SUNLIGHT, how it works?

UNILUX is developing its range of connected lamps with this innovative luminaire that synchronizes the circadian rhythm of individuals by reproducing **sunlight and its impact on hormones.**

- In automatic mode, the pre-programmed circadian cycle gives you precisely the light you need (in temperature and intensity) at the right time of the day with optimal visual comfort.

- The manual mode allows to adjust the brightness level to allow the person to enjoy the best light possible in any type of activity: Work, relaxation, or reading.



AUTOMATIC MODE
« Circadian rhythm »



LED

UNILUX

THE BENEFITS OF SYNCHRONIZED CIRCADIAN RHYTHM :



STRENGTHEN

Concentration, vigilance
and memory



IMPROVE

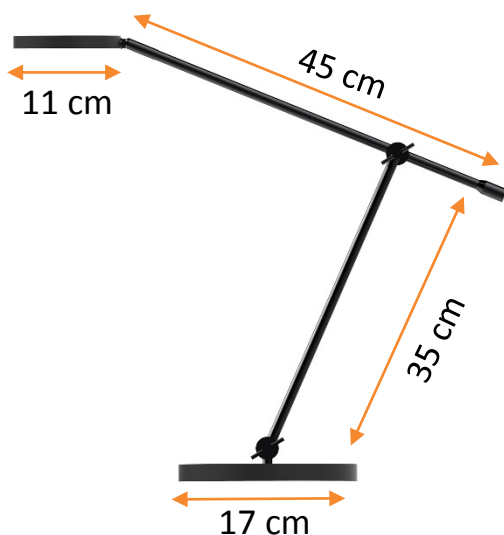
Daytime efficiency, quality of sleep,
well-being



DECREASE

Drowsiness and mood
disorders

DIMENSIONS



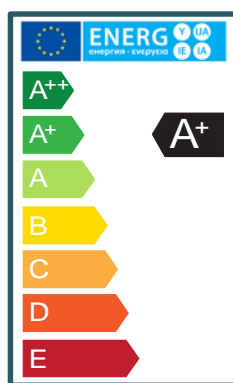
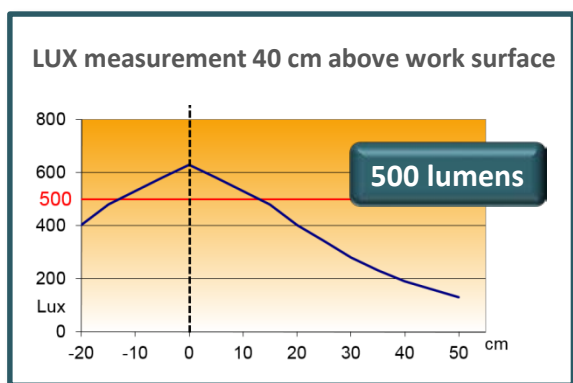
TECHINICAL FEATURES

Materials

arm a steel
Base and head steel

Source

LED built-in*: rated power 5W
*cannot be replaced



SAP no.	Colour	Energy consumption KW/1000 h	Lm	Lm/W	Colour T°	CRI	Source's lifetime*	Warranty	Net weight	EAN code
400110128	Black	5	500	100	2700 K à 5000K	>80	50000h	2 years	1,7 kg	3595560028030

* Average use: 1000h/year