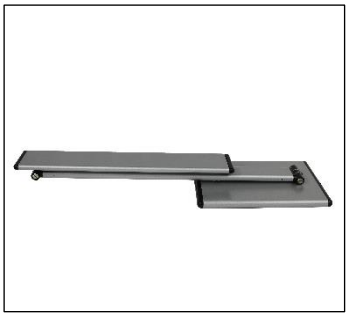
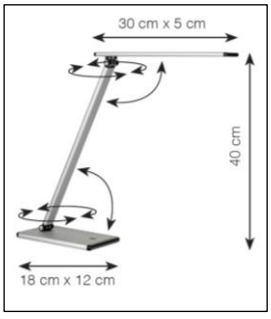
TERRA

- **The + product:** Ideal to store it in a drawer or a bag to accompany you on your travels (office, meeting room, traveling).
- **Adjustable brightness 4 levels:** the touch switch offers 4 levels of white color. Choose the most appropriate light intensity throughout the day to better meet your needs.
- **Flexibility:** with its +/- 120 ° movable head, 90 ° adjustable arm and +/- 30 ° rotating base (right and left), this lamp can be used in a variety of positions and its base is specially designed to provide the latter with excellent stability.
- **Modern design:** with its sleek and clean lines, its head does not exceed 1 cm in thickness which gives it an elegant character.
- **Office lamp using the latest generation LED, saving energy:** it has a lifetime of 40 000h.
- **Protects your eyes:** stable light without flickering or glare. Low visual stress after prolonged use, ideal for working, reading or studying, at home or in the office.

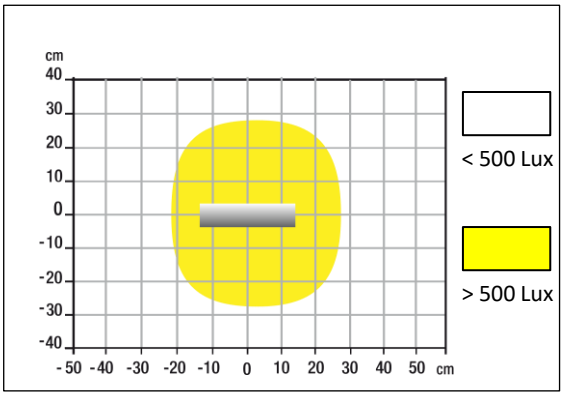
- 2 years warranty
- Max height: 40 cm / min height: 30 cm
- Materials: recyclable aluminum head, arm and base / ABS plastic end caps





Techincal features

Measurement of Lux on the worktop in 35 cm top view:



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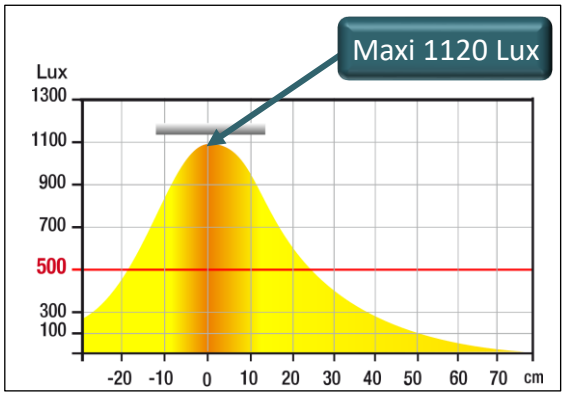
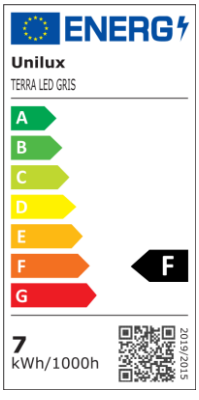


Energy class:



SAP no.	Colours	Energy consumption KWh/1000h	Lux at 35 cm	Luminous flow	Lm/W	Colour T° (Kelvin	CRI	Source's lifetime	Warranty	Net weight	EAN code
400077409	Metal grey	7	1120	680 lm	97	3300 K	82	40000h	2 years	1,2kg	3595560012855

UNILUX'S ADVICES

1- Pourquoi une lampe d'appoint?

Nous passons environ 8 heures par jour sur notre lieu de travail. La médecine du travail **recommande un éclairage d'au moins 450 lux.** La norme européenne NF EN 12464-1* **va jusqu'à 500 lux** pour le travail sur écran ou la lecture.

Les conséquences d'un éclairage intérieur artificiel constant et insuffisant:

- **Diminution du confort visuel**
- **Mal de tête**
- **Perte de la concentration générale**
- **Diminution de la productivité**
- **Perturbations du cycle circadien**
- **Troubles du sommeil et de l'humeur**

* Norme NF EN 12 464-1 (norme européenne): Prescription pour éclairage des lieux de travail intérieurs

2- Quelques chiffres

300 Lux

Seulement sur le bureau équipé de plafonniers

34% des bureaux

Atteignent le niveau de 500 Lux prescrit par la Médecine du Travail

29 % des salariés

Déclarent souffrir de fatigue oculaire*

*Source: http://www.recrutons.fr/ergonomie-du-poste-de-travail.html

3- The LED's Benefits

High quality and efficient lighting

Longer life

Energy saving

Eco-responsible purchase

Safe for the health

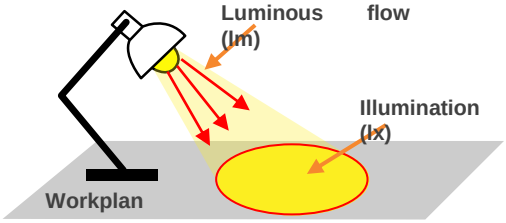
4- Somes definitions

Illuminance (Lux)

corresponds to a quantity of light received by a surface. So:

$$E = \frac{\Phi}{S}$$

- Φ: Luminous flux in lumen
- S: surface per m2



Recommended lighting according to DIN EN 12464-1 * for the office

- 300 Lux : deposit, copy, traffic areas
- 500 Lux : writing, reading, data processing
- 500 Lux : at the reception and at the counter
- 750 Lux : technical drawing

* DIN EN 12464-1 (DIN 5035-1): European standard that determines the lighting requirements of workstations in enclosed areas, which meet the requirements of comfort and visual performance. DIN EN 12464-1 has replaced DIN 5035-1

Luminous flux (lm)

is defined by the sum of all the radiations emitted by the lamp. It is measured in Lumen, "lm" for short. It is defined from the energy flux (expressed in watts) more often termed radiated power.
The latter is a flow of radiated energy:

$$\Phi = \frac{Q}{t}$$

where Q is the radiated energy, expressed in joules (J) and t in seconds (s)

Luminous efficiency (lm/W)

corresponds to the luminous efficiency of the lamp. This value is established by the ratio between the luminous flux and the power consumed. It is measured in "lm / W". The higher the luminous efficiency, the higher the amount of light relative to the power consumed. This data is fundamental for the preservation of the environment since it allows us to reduce energy consumption for the same amount of light emitted.

Color temperature (Kelvin)

is defined by the color emitted by the light source. Variation in color temperature is an essential function of the desk lamp in addition to the variation of the intensity, as it allows to customize the lighting and to adapt the appropriate color temperature to the different activities (computer work , concentration, reading, relaxation, rest, ...). This variation in color temperature is measured in "Kelvin", "K" for short.