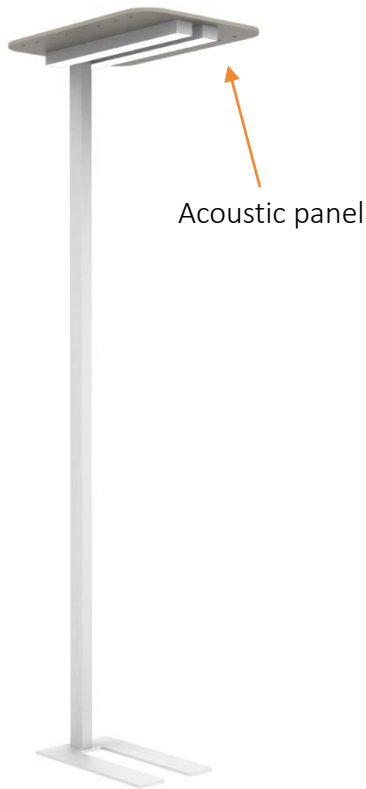


NEXUS

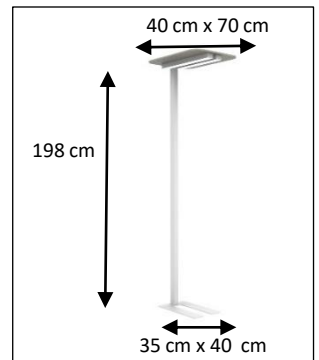


- **Easy to use:** thanks to its touch control, it is easy to dim the light and choose to light up or down or both at the same time. Thanks to its separate lighting function, the NEXUS has a quality and powerful lighting without effect, offering an excellent visual comfort (low luminance and very good UGR lower than 19).
- **Design and innovation:** first luminaire that combines both the lighting function and sound absorption thanks to its acoustic panel in PET (50% recycled/50% recyclable) with a sound absorption coefficient of 0.8 for standard frequencies between 500 Hertz and 1000 Hertz. It is maintained on both parts of the luminaire by a clip.
- **Intelligent:** automatic adjustment of the intensity according to the ambient light and energy savings thanks to its cell with presence detection.
- **Stable:** the base cut out of an 8mm thick sheet metal allows the lamp to be positioned as close as possible to a desk or table leg thanks to its U shape.
- **Collaborative:** it allows to light 2 workstations with an excellent uniformity.

- Illumination of 1380 Lux at 110 cm down and 2330 Lux at 55 cm up
- Energy efficiency: class E (A to G spectrum)
- Packaged in a single box
- structure with Epoxy paint / recyclable aluminum/PET thickness 9 mm

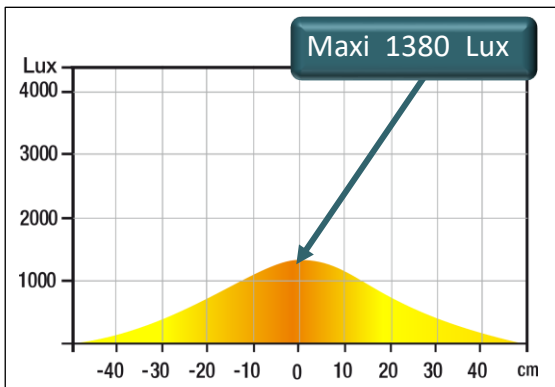


Replaceable (LED only) light source by an end-user

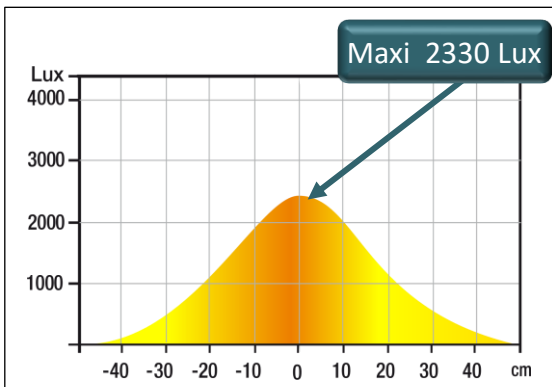


Informations techniques

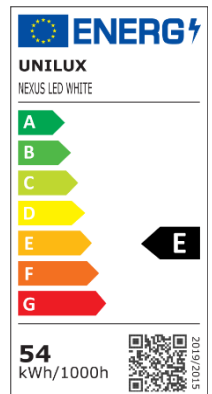
Measurement of Lux on the worktop in 35 cm top view:



Measurement of Lux on the worktop in 55 cm top view:



Energy class :



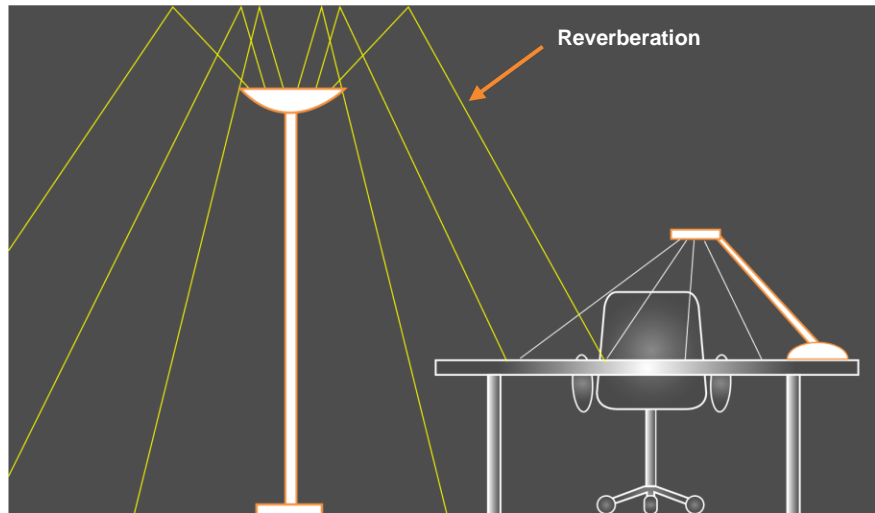
SAP no.	Colors	Energy consumption kWh/1000 h	Lux to 35 cm	Luminous flow	Lm/W	T° color	IRC	Lifetime source	Guarantee	Net weight	EAN code
400165148	White	54	1380	5935 lm	109	4000K	84	40000h	2 years	12,5kg	3595560034888

UNILUX'S ADVICES

1- Uplighter with indirect lighting: create a light atmosphere conducive to work

Due to their ease of installation and their decorative aspect, indirect lighting floor lamps are the preferred lighting for French people! This floor lamp is ideal for lighting a specific place in a room or even bringing the little decorative and original touch that will change everything in the atmosphere of the room. Thanks to its lighting directed upwards which will reverberate on the ceiling, this floor lamp generally ensures the function of secondary lighting, or mood and will provide you with high-performance and quality lighting. It integrates perfectly with all parts of your business:

- Individual office
- Open space
- Meeting room
- Passing places
- Lobby



However, you can supplement the lighting with a desk lamp.

2- The LED's Benefits



High quality and efficient lighting



Longer life



Energy saving



Eco-responsible purchase



Safe for the health

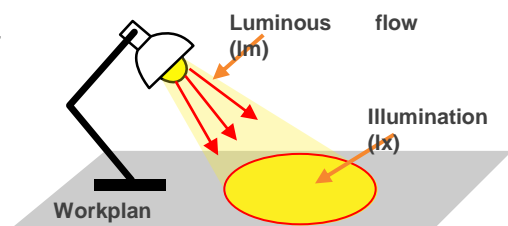
3- Some definitions

Illuminance (Lux)

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

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

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



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.