

LOLe 2 Installation manual

Version September 2011

Please read those instructions carefully before installing the LOLe 2.

The manufacturer, assembler and importer are responsible for the safety, reliability and performance of the unit only $\check{\mathbf{f}}$:

- installation, calibration, modification and repairs are carried out by qualified and authorized personnel - electrical installations are carried out according to the appropriate requirements such as IEC364

- equipment is used according to the operating instructions

The manufacturer pursues a policy of continual product development. Although every effort is made to produce upto-date product documentation, this publication should not be regarded as an infallible guide to current specifications.

We reserve the right to make changes without prior notice.

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FINTRODUCTION

Information given in this manual should be taken as a general guide for proper installation of the LOLe 2 operating light. However, in case of contradiction to any local or national building regulations, the building regulation must always override this manual. In this case, please contact previously to any changes your local dealer.

The operating light must be serviced by qualified personnel only, trained by approved dealers. Repairs and parts replaced by unqualified personnel carry no warranty.



ENVIRONMENTAL REQUIREMENTS

• The ceiling height must be between 2400mm minimum and 3050mm maximum.

Strength requirement of the wall and ceiling:

The ceiling construction must be able to resist a withdrawal force of 70kg (154 pounds) at each of the four attachment locations. Otherwise, some additional mounting supports must be used to fulfil this requirement.

The wall construction must be able to resist a shear load of 25kg (55 pounds) and a withdrawal force of 52kg (115 pounds) at each of the four attachment locations. Otherwise, some additional mounting supports must be used to fulfil this requirement.

Temperature and humidity:

The operating temperature range is from +15 $^{\circ}$ to +35 $^{\circ}$. The acceptable humidity range is from 15% to 85%. The storage and transportation temperature range is from -5 $^{\circ}$ to +60 $^{\circ}$.

• No screw is provided:

It is the responsibility of the installer to choose the appropriate fixing means (screws) which depends on the nature of the ceiling or wall (concrete, wood or plaster).

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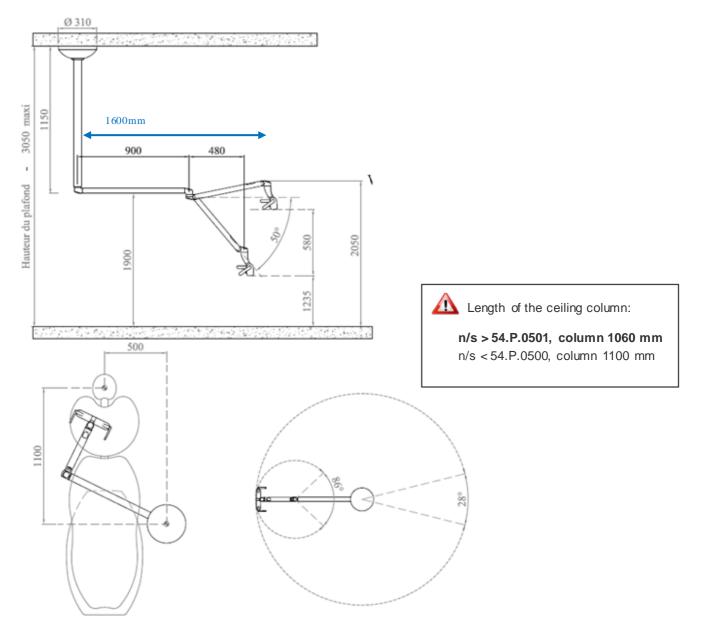
II- CEILING VERSION: LOLe 2.P

1. Installation of ceiling adapter and ceiling column.

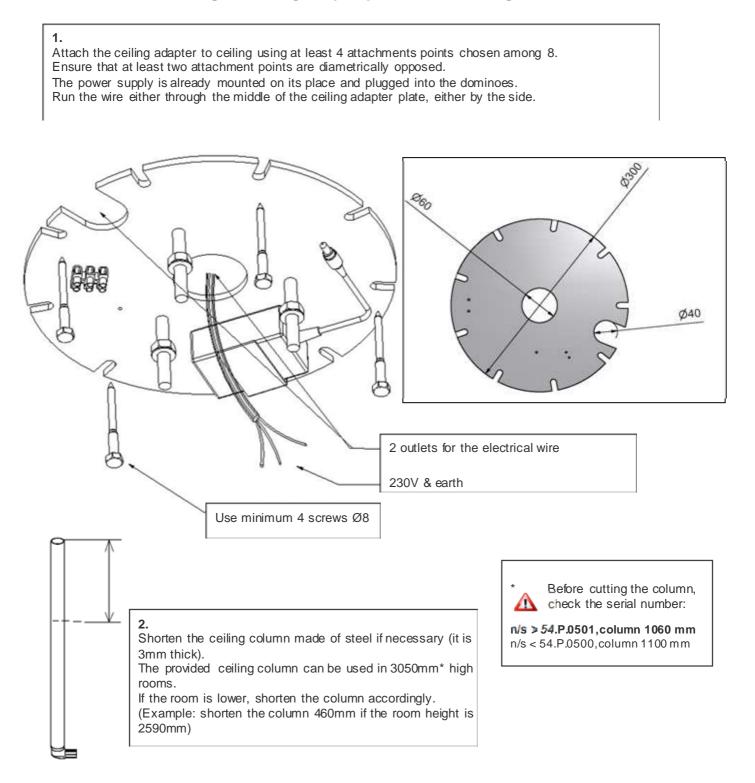


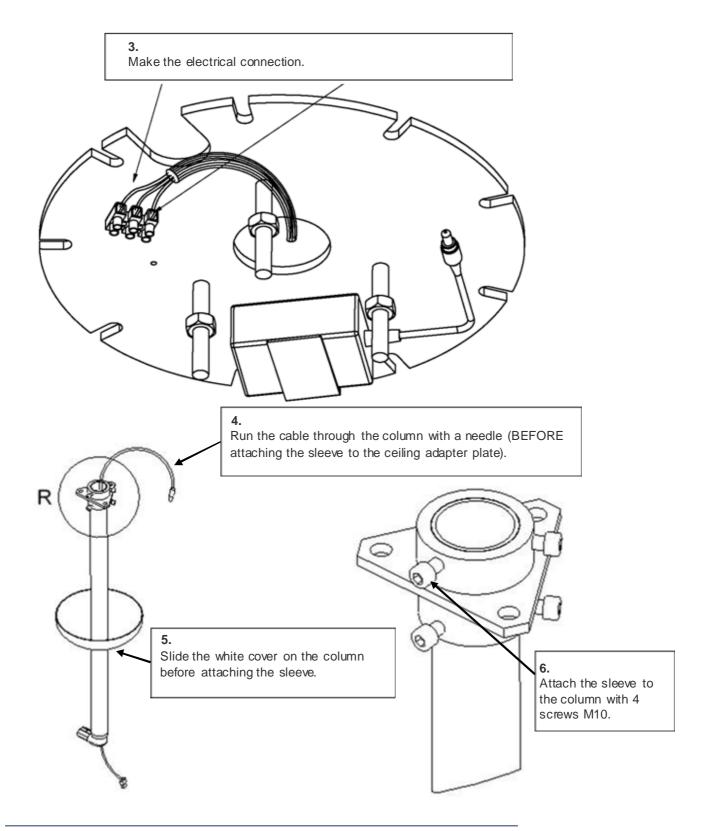
Ensure that the power supply is switched off before starting installation.

The central point of fixation has to be 1100mm far from the patient's mouth and 500mm far from the unit axis, like on the picture bellow.



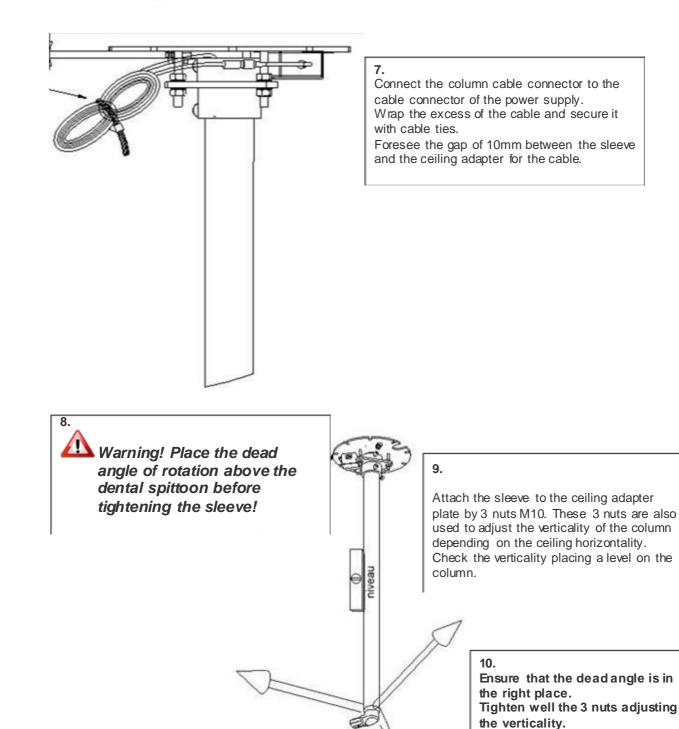
1.1 Assembling the ceiling adapter plate and the ceiling column.



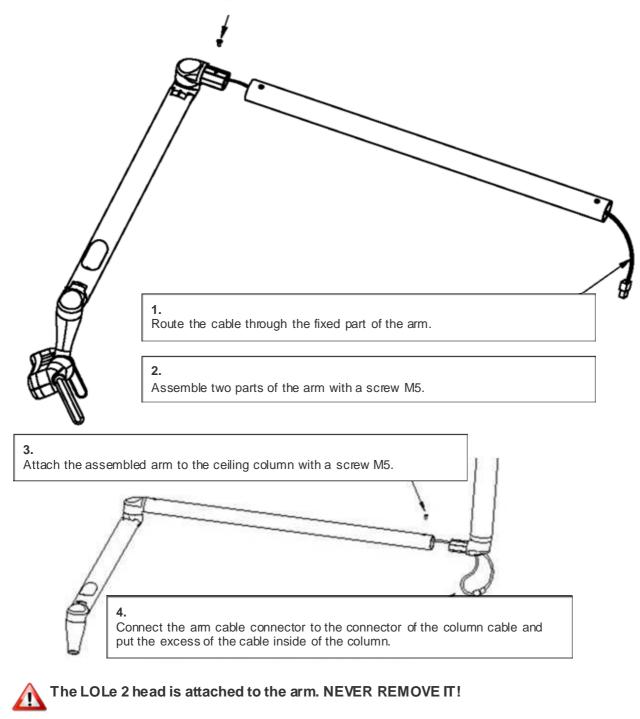


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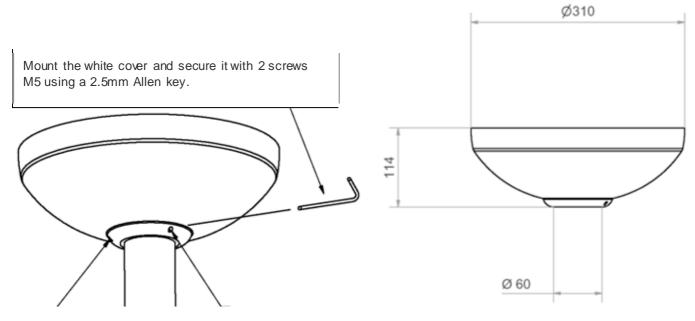
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1.2 Assembling the LOLe 2.P arm.



1.3 Mounting of the LOLe 2.P white cover



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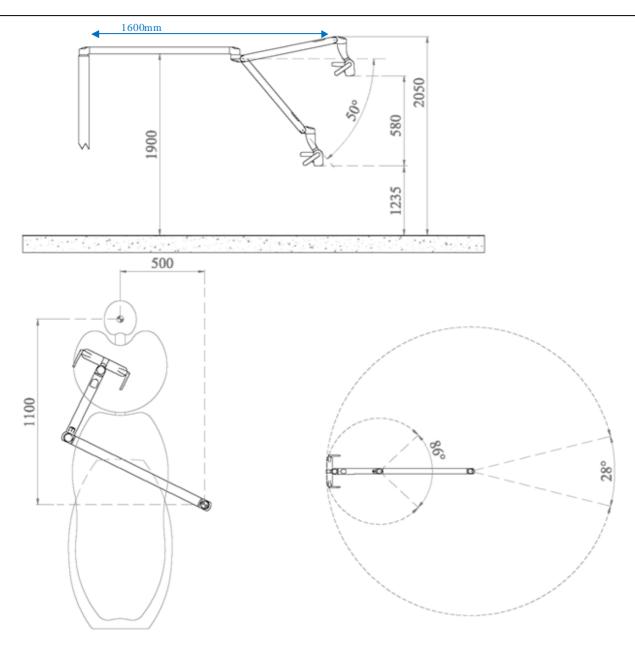
III-DENTAL UNIT VERSION : LOLe 2.E

!! The top of the light column has to be at least at 1900mm from the floor. The dental unit column must be positioned according to the scheme:

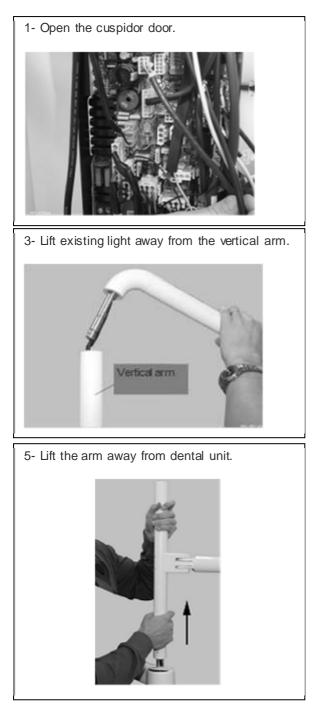
- 1100mm from patient's head towards feet

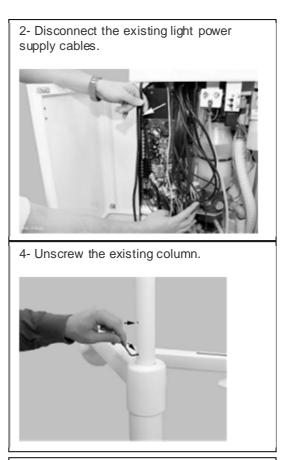
- 500mm on the side (to be adapted as the dentist is left-handed or right-handed)

Caution: if the light column's position is not like on the plan, the scale of arm might represent an interaction with the patient's head or the dentist's assistant.

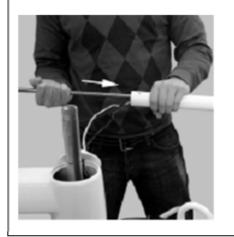


1.1 Remove the existing light

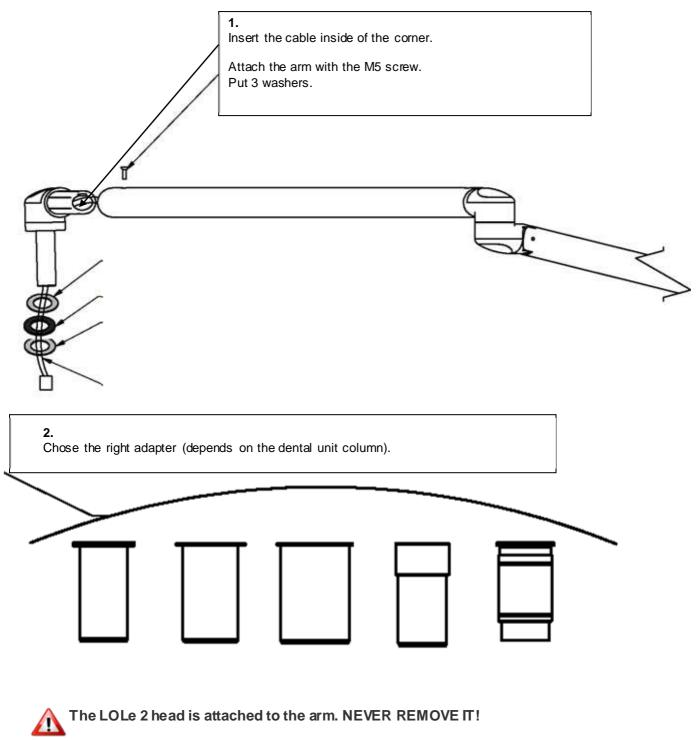


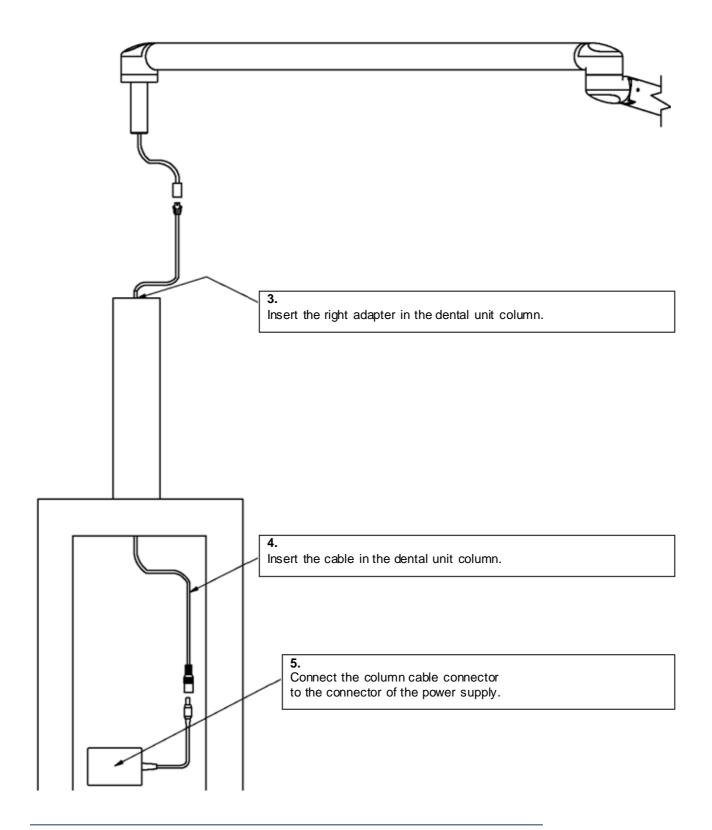


6- Remove the adapter in place.



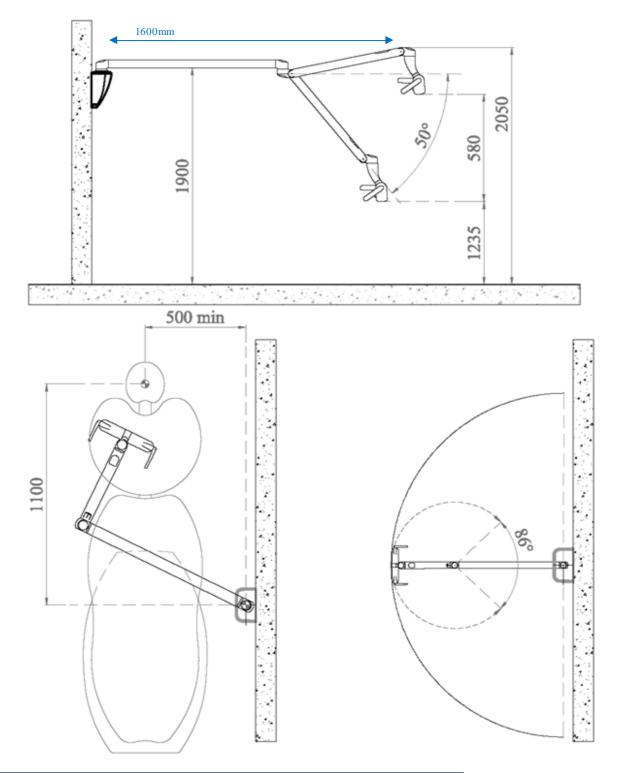
1.2 LOLe 2.E installation





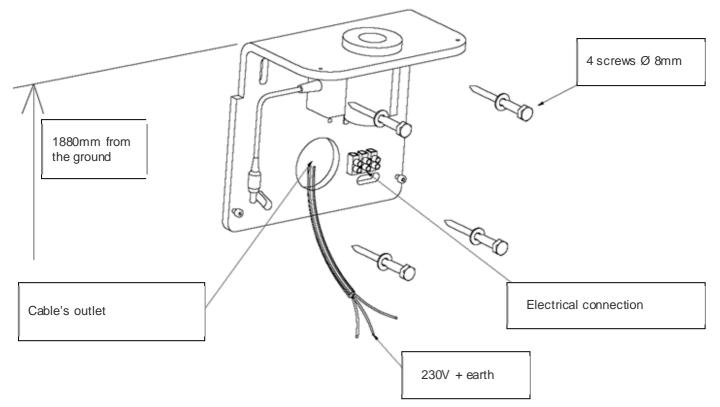


IV-WALLVERSION: LOLe 2.E + wall installation kit

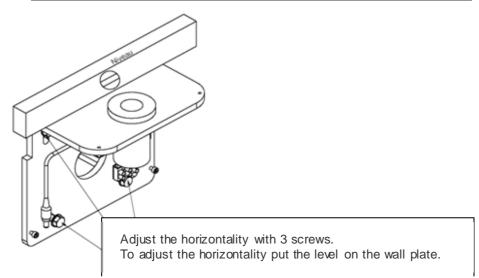


1. Installation of the wall adapter plate

Use the wall adapter plate as a template and mark the position of the four attachment screw holes. The top of the wall adapter plate must be at 1880mm from the ground. Attach the plate to wall with 4 screws Ø 8mm.

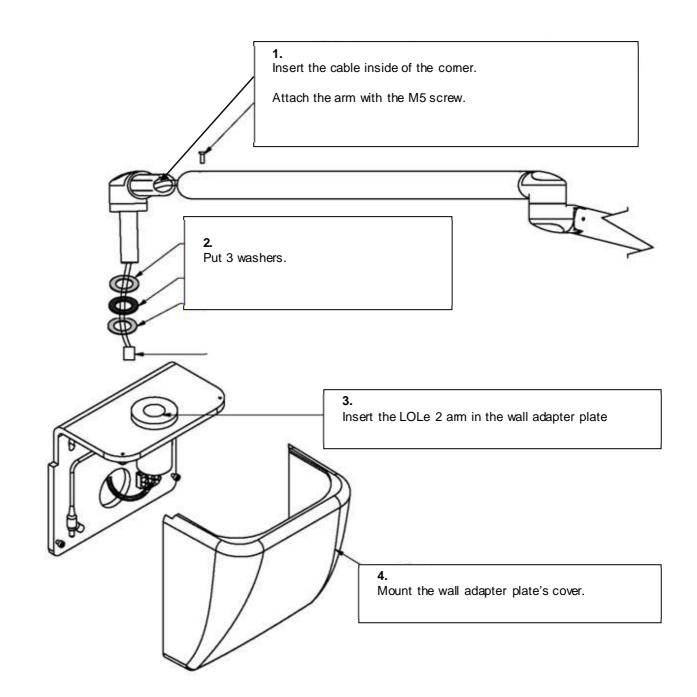


2. Adjustment of the wall adapter plate's horizontality.



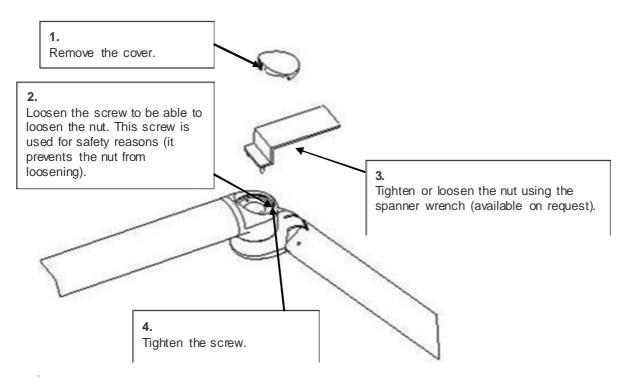
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3. Installation of LOLe 2 arm (wall version).



V- ADJUSTMENTS

5.1 Adjustment of the rotational friction of the LOLe 2 arm middle joint.



5.2 Adjustment of the LOLe 2 head's lifting joint friction.

