

lolo



Operating lamp with fitted LED emitting a 4300K neutral white light.

Specially designed for the best view of the operating area

LED emit a neutral-white light 4300K free from the toxic blue peak

Specifically designed to ensure the necessary asepsis for dental care and surgery

Modern slim design



degréK
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The quality of lighting

Secured LED spot emitting a 4300K neutral white light.

Specially designed with safety being a priority, it complies to the ANSES* report. LOLe LEDs emit a neutral-white 4300K light free from the dangerous blue peak so that the dentist eyes are protected from the blue light toxicity. LED component that is used is natively in 4300K. It emits a very high quality light, even during the polymerisation steps. Filters or the addition of yellow LEDs are useless.

** the French Agency for Food, Environmental and Occupational Health & Safety has published a report entitled (in English): « Lighting systems using light-emitting diodes: health issues to be considered, » which focuses squarely on potential problems caused by LED lighting*

Contrary to the cold (blue) white of other LEDs, which gives a blue or purple appearance to gingivitis, **the neutral white enables an excellent identification of the red tones** (soft tissue ulcerations) and yellow tones (decayed dentine, enamel fractures and tartar). Your diagnosis is positive and dental care is made easier.

Its powerful surgical spotlight illuminates the entire mouth in all its dimensions.

The LOLe operating spotlight covers the entire mouth – even the largest – with a very powerful light, without blinding by the reflection of the light on the white teeth. Your view of the operating field is therefore clearly better and operating lamp adjustments are unnecessary. The great depth of field enables powerful illumination to the entire depth of the mouth. The central spotlight area – 52 mm high x 55 mm wide – attaining more than 40 000 lux is very uniformly illuminated.

Thanks to the LEDs service life, you won't have to change a light bulb throughout the device's life.

LEDs of LOLe 3 have no 470 nm wavelength: the pre-polymerisation effects of composites are eliminated. The practitioner doesn't have to push aside or switch off his scialytic lamp during polymerisations.

Powerful lighting conforming to the ISO 9680 standard without any conveyed shadows.

The spotlight is distributed as indicated in the standard into 3 areas. The spotlight is clearly stopped. Your patient is not dazzled and therefore remains calm and relaxed while he or she is treated.

Almost no shadows (data divided by 5 with respect to the maximum authorised by the standard. It corresponds to surgical standards).

The criss-crossing of 4 light beams provides an exceptional 75mm depth of field. It guarantees maximum lighting at the back of the mouth and facilitates using instruments without light, such as the surgical knife or the syndesmotome.



completely sealed /
disinfectable surfaces.



No Touch control / Control lights



security for use and cares.

Specifically designed to ensure the necessary asepsis for dental care and surgery



IP 50 Degree of protection

Dust-proof, splash-proof and ambient spray-proof : LOLé³ is completely sealed and therefore does not let dirt or spray penetrate and make it dirty, as is the case with open reflector models.

LOLe has disinfectable surfaces

Like all operating room devices, by simply wiping with a moist cloth or by spraying with a surface disinfection product (Dürr FD 333). Quick and simple servicing and disinfection guarantee excellent hygiene which is easy to maintain. Your patient, who has the scalytic lamp in their field of view throughout the dental care operation, is reassured by the proper commitment to health regulations. Also, the time devoted to cleaning the device is significantly reduced.

« No Touch control »

Protected from the field of operator head movements. Starting, stopping and adjusting are done by placing a hand above the lighting head without touching it for hygiene reasons. A series of 5 green LEDs on the front panel allow the operator to check what lighting power they are working with (8000 to more than 40 000 lux).

Handle is dismountable and sterilisable : easy to remove for each new patient.

Modern slim design



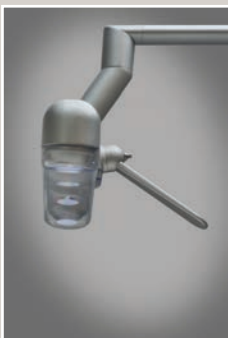
Lighting head with balance weight arm

Made in aluminium for elegance, appearance and aesthetic feel.

Its graphic and slim design gives your treatment room a softer atmosphere compared to the medical looking conventional lamps.

Compact and lightweight, it will contribute to the look of your office, and adapts to all dental care, prophylaxis, orthopaedics and surgical rooms.

Daily comfort



No spurious noise and no released heat.

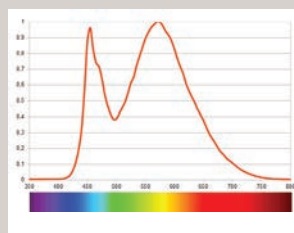
Very low LED power consumption (only 1 watt/LED) significantly limits the perceptible temperature rise of the device. It is no longer necessary to use a fan unlike halogen lights.

Hot air movements are eliminated; no more dust in the device, spurious noise or disturbing heat. The practitioner's comfort and health are preserved, and stress and fatigue decrease. It is possible to place the LOLé very close to the practitioner's face so that the practitioner can use the most ergonomic work positions.

Balance weight arm and tilting lighting head a

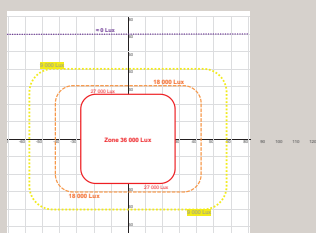
The practitioner can vary the lighting angles according to their needs, while keeping the horizontal axis of the spotlight parallel to the smile line. The large arm clearance allows reverse lighting of the lingual surface of the mandibular incisors. Its ceiling-mounted installation keeps the work and circulation area free.

Spectral curve



Color spectrum of the LED:
no prepolymerization..

Illumination & repartition



Illumination uniformity

Technical characteristics

Temperature colour	4300K
Degree of protection (IP)	50
Disinfectable surface	oui
Max. lighting	de 8000 to 40 000 lux (5 regulation levels)
Total power consumption	5 W
Lighting head dimensions	L 291 x 91 x 70mm
Light sources	4 x LED 1W
Luminous flux (lumen)	360
Head + arm weight	± 5.5 kg
finition	Aluminium gray Monopol en option : white RAL9016
Adaptations particulières	Extension column - adaptat° column Ceil. Faro - Wall mounting..
versions/references	P : Ceiling (Plafond) LOLE_3.P (gray) et LOLE_3.P.B (white)
	E : Equipment LOLE_3.E (gray) et LOLE_3.E.B (white)
	T : on Traveling LOLE_3.T (gray)

Made in France EN ISO 9001/2008 EN13485:2003 + AC:200 | ISO9680 | CE Médical 93/42/CEE class 1-B DM | EN60601-1-2 (2007) - EN60601-1 (2006) | IP50 | Light head to be positioned 70cm from surgical field | read the instructions on the package leaflet.

Degré K, the company

Eco-friendly

The miniaturisation of Albédo resulted from extensive research aimed at excellence in illumination, whilst preserving the planet by saving raw materials, electronic components, energy consumptionie. Thoughtful and responsible recycling; at the product's end of life.

The know-how of Degré K (as Kelvin) the European leader in dental care clinic lighting, embodies the expertise necessary for the specific lighting of 4 relevant areas in dentistry: the tooth, the mouth, the dental care room and the dental clinic in its entirety. The dentist's work is split up, in fact, into 2 major phases:

- Diagnosis and care, during which it is essential to detect all the red tones on soft tissues and all the yellow tones on the enamel and dentine.
- Reconstruction, during which the recognition of colours plays a primary role in the aesthetic success of the dental care.

For this purpose, Degré K proposes:

- KLED: LED lamps for rotating instruments in a neutral white light.
- LOLé: Dental LED operating lamp in a neutral white light
- Albédo general medical lighting lamp in Northern light.
- I See: Northern light ceiling lamp and neutral white light scialytic lamp mounted on a travelling rail.
- Klinik: Lightings for the dental clinic (sterilisation, waiting room, reception, corridors, etc.).
- °K lamps: all the other lamp bulbs necessary for dentists.

Its products are built around the most modern technologies and are always aimed at improving comfort and dental care safety, in conformity with all the dental lighting standards and the health standards of dental care and surgery rooms.



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