

# ELIO

## LED LIGHT WITH INTEGRATED HIGH RESOLUTION AUTOFOCUS CAMERA



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## QUI VOIT BIEN TRAVAILLE MIEUX

ELIO is a revolutionary concept in terms of operating light. This set combines a very ergonomic LED high quality lighting with a camera featuring an exceptional definition. Designed and configured for dental purpose, the camera unfolds on an entirely autonomous way. The alignment of the camera being at the center of the light field, no manipulation is required to operate the camera. Settings adjust automatically to reach an image quality exceeding your expectations. With 36x magnification you can enjoy the clarity of a tooth in full screen while remaining 70cm of the patient's mouth. You can shoot your actions or communicate with your patients.

Equipped with particularly high performance LED, and original optical, ELIO lighting competes with the most efficient lighting in surgery rooms while limiting the light in the intervention area. With only two LEDs, it offers more than 50,000 LUX thus meeting the requirements of a specific job. Its natural white light suitable with dental practice ensures a good color perception and reduces eyestrain.

Very compact, a modern design with rounded lines, ELIO fits easily in place of your existing lighting. The head movement on three axes allows you to adopt all working positions. To meet the most stringent medical standards ELIO is fully waterproof, silent and without heat. The light is UV free and a LED obturator is inserted on optics to protect the patient's eyesight.



A wireless foot control provides additional features such as ZOOM + and ZOOM-, freezing and image inversion.

A multitude of applications... obviously yours !.



Communication



Diagnostic



Indirect labor



Alternative microscope



Visibility for  
the assistant



Training

## ELIO

### Characteristics :

#### LIGHT

White natural day light: 6300 °-6500°K •  
Good reproduction of colors, IRC 80 % •  
Adjustable light Intensity until 55.000 lux •  
No shadows carried •  
Completely tight and waterproof for an optimal asepsis •  
Absence of UV radiation and no extra heat contribution •  
Without fan and noiselessly •  
Source: 2LED x 3,15W, Consumption 6,30W •  
Life Expectancy: 50.000 hours •

#### CAMERA

Automatic autofocus •  
Lens: zoom 36x • Autofocus •  
Considerable depth of field •  
System: NTSC / PAL •  
Number of pixels: 795 ( H ) x 596 V •  
Resolution ( TV Line): 550 TV lines •  
Horizontal field of vision: from 48 ° to 2,8 ° •  
Low need of illumination 0,7 luxes •  
Whites balance: automatic, indoor, outdoor •  
Video outputs: RCA •  
Power waste: 6 - 12V DC, 3,3W

#### The SET

Dimensions of the head: 272x80x146mm (except handles)  
Scale of the arm: 1470mm  
Weight of the head: 1,75 kg  
Weight with the arm: 6,90 kg  
Diameter of axis: 35mm  
Movement on three axes  
Color of painting RAL 9016  
foldaway handles  
The all set is delivered with the arm  
A year warranty

Garantie 1AN

## ELIO SC



Using the most advanced technologies in the field of LED, ELIO SC offers many advantages over conventional halogen lights. Equipped with an optical system extremely efficient, ELIO allows to create optimal working conditions for the most demanding interventions. Developing over 80,000 Lux ELIO SC is particularly appreciated during delicate procedures such as surgery and implants and shows a real alternative to traditional surgery rooms lighting.

#### Light :

White natural day light: 6500°K •  
Good reproduction of colors, IRC 80 % •  
Adjustable light Intensity until 80.000 luxes •  
No shadows carried •  
Completely tight and waterproof for an optimal asepsis •  
Absence of UV radiation and no extra heat contribution •  
Without fan and noiselessly •  
Source: 3 LED x 3,15W, Consumption 9,45W •  
Life Expectancy: 50.000 hours •  
Energy supply 110-220V, autonomous stabilized converter

Dimensions of the head: 272x80x146mm (except handles)  
Scale of the arm: 1470mm  
Weight of the head: 1,45 kg  
Weight with the arm: 6,60 kg  
Diameter of axis: 35mm  
Movement on three axes  
Color of painting RAL 9016  
foldaway handles  
The all set is delivered with the arm



Ceiling installation



Unit installatio



Mobile installation