



# Maquet Lucea Examination Light

Accurate lighting solutions  
for Examination, Observation  
and Treatment



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## Accurate lighting solutions for Examination, Observation and Treatment



Maquet Lucea examination lights are suitable for a wide range of medical applications:



**Ambulatory Surgery Centers:** suitable for routine check-ups and minor procedures across multiple specialties.



**Dermatology:** facilitates the examination of skin conditions, lesions, moles, rashes, and other dermatological issues with precise and shadow-free lighting. It can also aid in performing minor dermatological procedures such as biopsies or cryotherapy.



**Gynecology:** enhances visibility during pelvic examinations, Pap smears, and other gynecological assessments.



**ENT:** provides targeted lighting for examination of the ear canal, nasal passages, or the throat.



**Emergency:** provides bright and focused light in emergency rooms for assessing and treating trauma patients.



**Veterinary Medicine:** for examining and treating animals, ensuring accurate diagnosis and treatment.



**Intensive Care Units:** attached to our Moduevo ceiling supply unit, it is suitable for treatment and minor surgery.



# High quality illumination

## + Consistent illumination

- + Each LED light source illuminates the entire light field for outstanding shadow dilution.
- + White "HECOL" LEDs eliminate cast and colored shadows that can interfere with diagnosis and treatment.

## + Accurate color rendering

For better tissue differentiation, it helps medical staff recognize subtle color tones in superficial and deep tissue. This is possible thanks to:

- + A fixed color rendering index fixed at 96.
- + A fixed color temperature of 4,500 K.

## + Stable illumination

The FSP system is an integrated program that guarantees constant and uninterrupted illumination. This system adjusts the current as the LED heat up, ensuring optimum, constant illumination throughout the procedure.

[View video for more info](#)



## + No heat dissipation

Improved patient comfort and safety.



# Focus on your patient

## + Ease of use

- Flexible positioning: the ergonomic handle makes it easy to direct the triangular-shaped light head towards a wound for diagnosis or treatment.
- The angled shape and lightweight design of the light head make it easy to maneuver.
- In addition, Maquet Lucea 40 and 50 allow a perfect light head stability thanks to the Ergodisc spring arm.
- Capacitive control available on the Lucea 50 light head for a fast adjustment of the lighting intensity.

## + Hygiene

- The sleek, curved surface facilitates cleaning, reducing the risk of cross-contamination.
- A sterilizable handle available on Maquet Lucea 50 allows up to 350 sterilizable cycles.
- Spend more time with patients and less time with maintenance; LED life is more than 55,000 hours.

## + A reduced environmental footprint

- The optimized, compact and recyclable packaging reduces waste (recyclability of packaging = 94%).

# Maquet Lucea 40 & 50

## Suitable for treatment and minor surgeries

Thanks to a dedicated adapter, Maquet Lucea 40 & 50 can be attached to our Moduevo ceiling supply unit range in ICUs, allowing for treatment and minor surgery.

Maquet Lucea 50 is equipped with a remote control to adjust the illumination level from anywhere in the room, allowing time savings and improved workflow for nurses, as the settings can be controlled without disturbing the patient.

Five dimming steps are available on Lucea 50 to adjust the lighting intensity from 15,000 to 60,000 Lux.

Maquet Lucea 50 is also equipped with a sterilizable handle which can support up to 350 sterilization cycles.



Designed for induction rooms, trauma and recovery rooms.



### Wall-mounted version

This version frees up floor space while offering simpler installation and easy maintenance.



### Ceiling mounted version

This version offers unobstructed movement, freeing up floor space and reducing clutter in examination and procedure areas.



### Mobile version

Available with or without battery, this mobile version allows for portability. Equipped with an asymmetric 5-foot safety stand and double casters with brakes for enhanced stability, Maquet Lucea can be easily moved between rooms or different areas within a room, providing flexible lighting solutions as needed.

# Maquet Lucea 10

## Designed to enhance in diagnoses



**Ideal illumination for all medical specialties,**  
Maquet Lucea 10 is particularly suitable for dermatology and gynecology.



**Available in rail-mounted, mobile, and wall-mounted versions,**  
Maquet Lucea 10 offers flexibility and adaptability in various medical settings.



### **Rail-mounted version**

This version is ideal for multipurpose examination rooms where the light needs to be positioned at different points along the examination table or bed.



### **Wall-mounted version**

Wall-mounted version offers flexibility and adaptability in various medical settings.



### **Mobile version**

This mobile version allows for portability: Equipped with an asymmetric 5-foot safety stand and double casters with brakes for enhanced stability, Maquet Lucea can be easily moved between rooms or different areas within a room, providing flexible lighting solutions as needed.

# Technical specifications

## Take a detailed look at Maquet Lucea

Optical characteristics	Maquet Lucea 10	Maquet Lucea 40	Maquet Lucea 50
Maximum illumination	> 50,000 Lux at 50 cm	> 40,000 Lux at 1 m	60,000 Lux at 1 m
Dimming	No	No	Yes (5 steps)
Diameter d10	11 cm / 4.33 in	22 cm / 8.66 in	22 cm / 8.66 in
Color temperature	4,500 K	4,500 K	4,500 K
Color rendering index	96	96	96
Sterilizable handle	No	No	Yes




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