

ATMOS HL 21 LED

Unlimited mobility - Sensational light intensity!



100 kLux
5.500 K
ERGONOMIC
MOBILE

ATMOS

The cable-free head
light and with un

Headlight - for limited mobility

As a doctor you require bright and focusable illumination, at the same time you would like a lightweight, mobile system with a long product life and low follow-up costs. Now with the new headlight ATMOS® HL 21 LED this kind of system is available to you.

The new technology

The new lithium-ionic batteries offer much longer operation time compared with the traditional batteries. The power white-light LED with up to 50,000 hours' life-span is very robust, develops no heat, is lightweight and comfortable to wear and provides excellent illumination at low running costs

The ATMOS® HL21LED is especially suitable for the following specialised groups:

- ENT practitioner in the surgery, on the ward and in outpatient departments
- General practitioners
- Consultants in different fields

No heavy light guide cable, no ventilation noise is disturbing you at your work anymore.

Headlight ATMOS® HL 21 LED - enables unlimited mobility

Perfect wearing comfort

Comfortable to wear, even for several hours, due to the soft version with joint.

Adjustable bow

fits every head.

Neoprene band

The headband can be washed in the washing machine.

Lithium-Ionic battery

integrated and exchangeable. With charging indication and selector switch for power and eco mode (full or reduced light intensity).

Holding clip

for lithium-Ionic battery



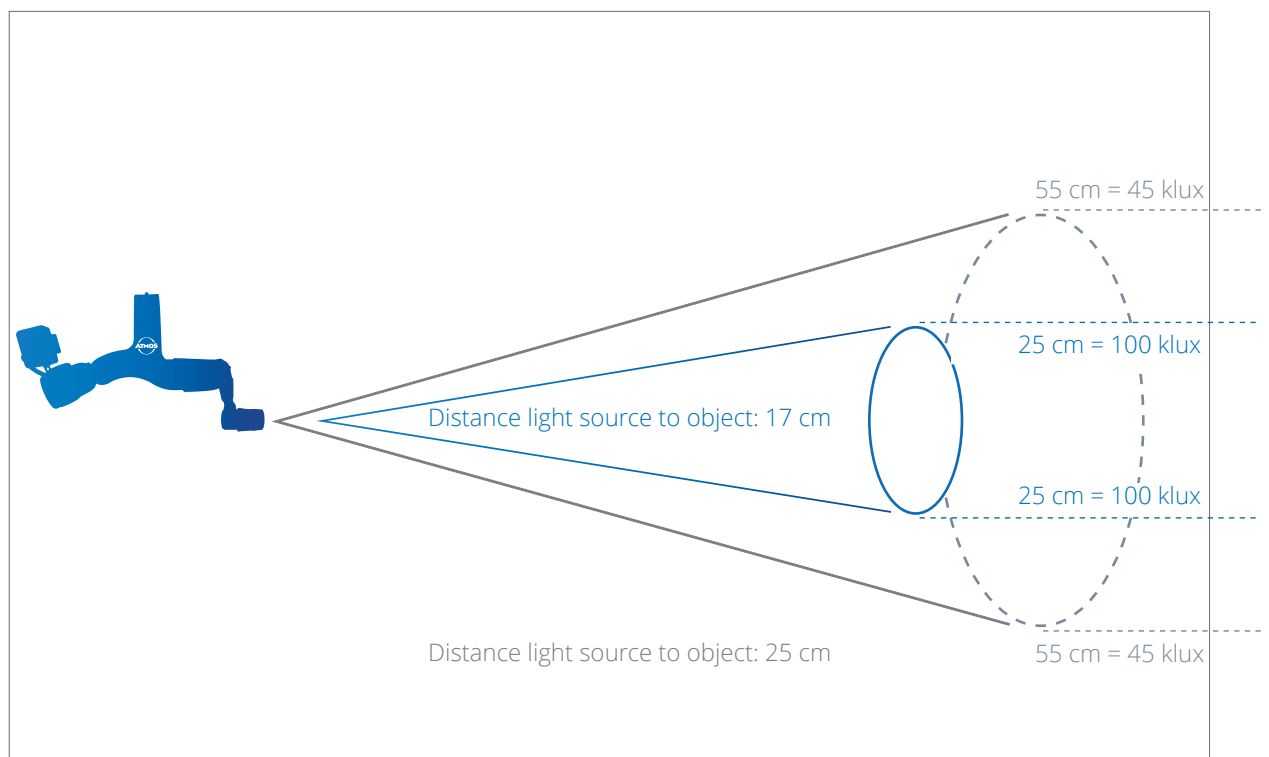


High-Power-LED

Impressive daylight quality and an outstanding light intensity of min. 100 klux (comparable to 200 W) due to the specially developed optimized lighting system.

100 kLux + 5.500 K =

- A convincing 100 kLux
- Homogeneous light: even illumination of the light field
- Sharp edges
- Daylight: colour temperature 5.500 K



ATMOS® HL 21 LED Image info: schematic representation of the light beam at different object distances,

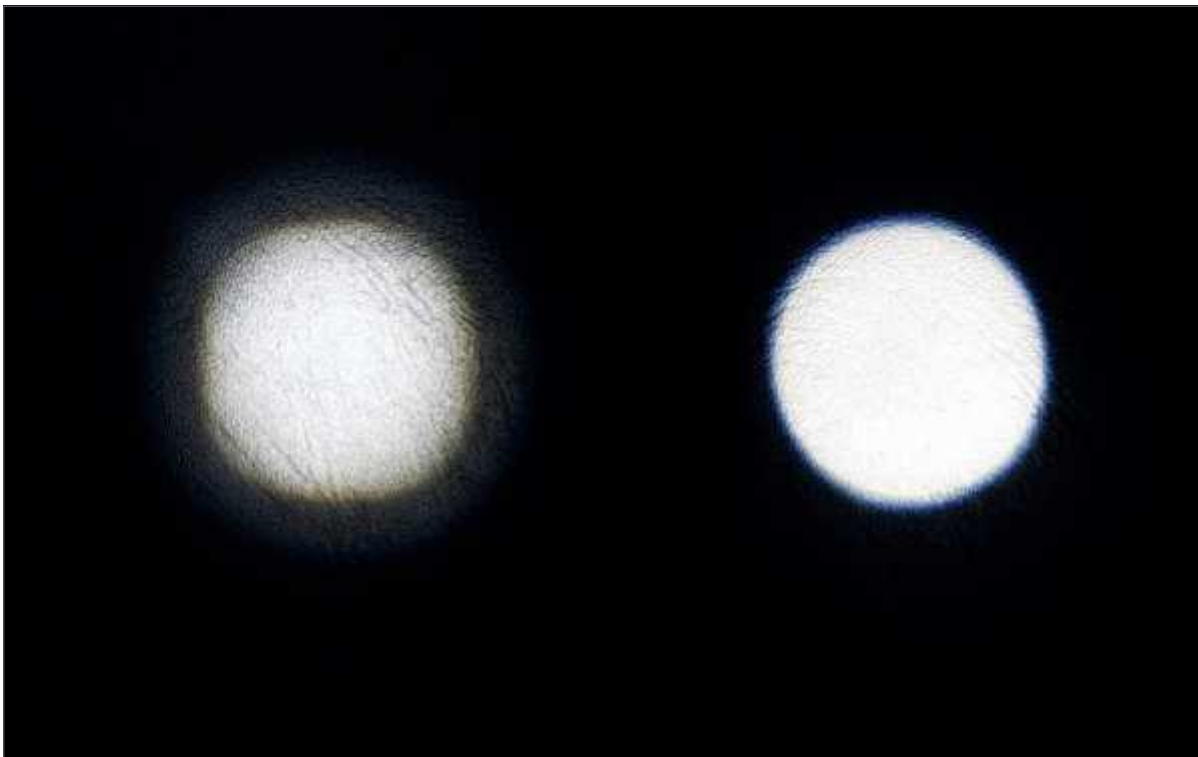
No more bulb exchange

Due to the extremely long service life of the high-power LEDs (> 50,000 h). By a daily operating time of 8 hours, this corresponds to a period of over 17 years.

Optimum illumination

LEDs with daylight quality ($5.500 \pm 10\%$)!

In many cases all the devices are not integrated into the treatment unit. This leads to cumbersome handling of the individual instruments. For this reason ATMOS now offers a solution. Thanks to the latest LED technology, the headlight ATMOS® HL 21 LED offers impressive light intensity in daylight quality.



Light cone in comparison: left competitive product, right ATMOS® HL 21 LED (Distance from light source to the object: 17 cm)

ATMOS® HL 21 LED sets

ATMOS® HL 21 LED examination set	REF-Nummer
1 For optimum and mobile illumination of medical examinations, e.g. in the ENT field Characteristics: Long-life light source with high-performance-white light LED, focusing optic, infinitely variable, high-end battery system with particularly lightweight and powerful lithium-ionic battery, 2 operation modes: Eco /Power mode, ergonomic ultralight headband, holder for battery on the rear of headband, universal battery quick-charging power pack with primary adapters assortment, connection cable battery - LED Technical data: LED Brightness: 100 klux, Colour temperature: 5500 K, Luminous field-Ø: 25-55 mm in 17 cm distance before lamp, focusable, durability: up to 50,000 h, Performance: 2 Watt, Battery: operating time: approximately 4 h (eco mode) or 2-h (power mode), Charging time: max. 2 h (at full discharge), Weight: headlight 200 g, Battery 80 g, voltage range: 100 - 230 V ~, 50/60 Hz <i>Scope of delivery:</i> <i>1 x Headlight ATMOS® HL 21 LED, connecting cable to LED battery (40 cm), 1 x lithium-ionic battery, 1 x battery quick-charging power pack</i>	507.4505.0
ATMOS® HL 21 LED OT set	
2 For optimum and mobile illumination of OT applications Characteristics: Long-life light source with high-performance-white light LED, focusing optic, infinitely variable, high-end battery system with particularly lightweight and powerful lithium-ionic battery, 2 operation modes: Eco /Power mode, ergonomic ultralight headband, holder for battery on the rear of headband, universal battery quick-charging power pack with primary adapters assortment, connection cable battery - LED Technical data: LED Brightness: 100 klux, Colour temperature: 5.500 K, Luminous field-Ø: 25-55 mm in 17 cm distance before lamp, focusable, durability: up to 50,000 h, Performance: 2 Watt Battery: operating time: approximately 4 h (eco mode) or 2-h (power mode), Charging time: max. 2 h (at full discharge), Weight: headlight 200 g, Battery 80 g, voltage range: 100 - 230 V ~, 50/60 Hz <i>Scope of delivery:</i> <i>1 x Headlight ATMOS® HL 21 LED, connecting cable to LED battery (40 cm), connecting cable to LED battery (150 cm), 2 x lithium-ionic battery, 1 x battery quick-charging power pack, 1 x cable clip</i>	507.4506.0



1 ATMOS® HL 21 LED examination set



2 ATMOS® HL 21 LED OT set

ATMOS® HL 21 LED accessories

Accessories	REF-Nummer
 Connection cable to LED battery, 40 cm	507.4542.0
Connection cable to LED battery, 150 cm	507.4541.0
Connection cable to LED battery, 200 cm	507.4545.0
 Clip for fixing the cable to clothing	507.4543.0
 Universal battery quick-charging power pack (100 - 240 V~) with primary adapters assortment	011.1199.0
LED light source, to be operated with the battery from the headlight ATMOS® HL 21 LED	507.4600.0
 Lithium-Ionic battery with charging indication and selector switch for power and eco mode (full or reduced light intensity).	507.4510.0



 REF 507.4542.0



 507.4543.0



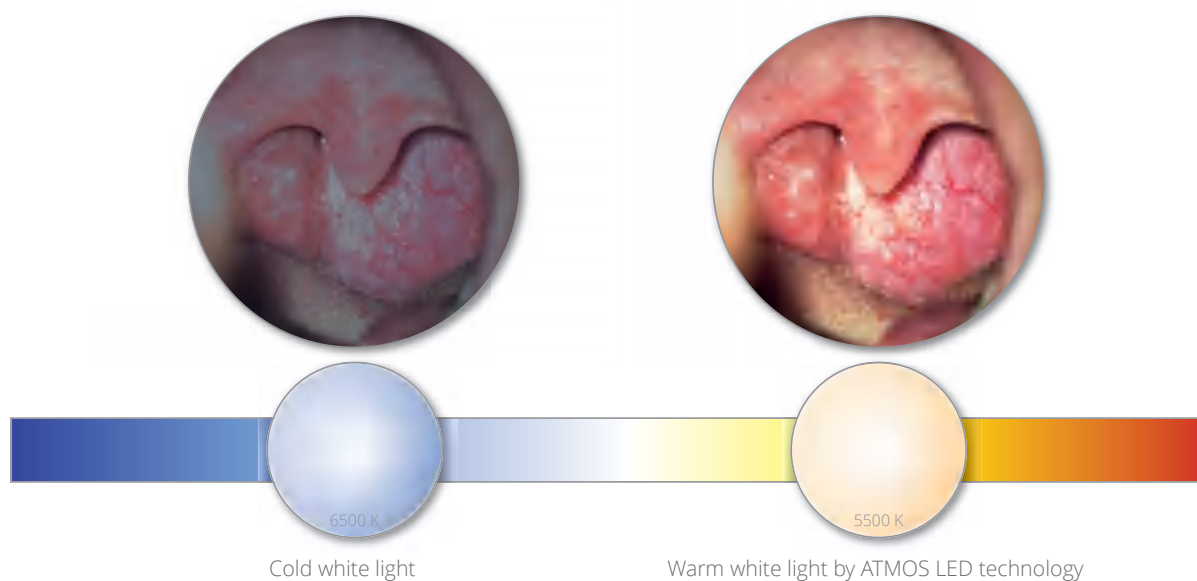
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 REF 507.4510.0

Which colour temperature do you want to work with?

Judge for yourself the outstanding optical performance of the new ATMOS LED technology.





MedizinTechnik

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