

OTOLUX-LED

The digitally controlled LED handheld light source

otopront®

OTOLUX-LED: The intelligent handheld light source

With the OTOLUX-LED Otopront has developed a handheld light source that can be used as an endoscopic light source in the workplace or in mobile settings without any restrictions in terms of performance or handling.



SIMPLE AND SAFE ATTACHMENT OF THE OPTIC

+ Sophisticated quick-snap system compatible with all common endoscopes for quick and simple change
+ Latest LED technology for continuously adjustable brightness up to 205 lm without noticeable heating of the handpiece
+ Colour temperature LED daylight neutral white (3500 K)

MOTION SENSORS AND BLINDING PROTECTION

+ Automatic activation on movement by the integrated motion sensor
+ Switches itself off automatically, once the examination has been concluded, i.e. when the device is put down



INTEGRATED PATIENT SAFETY

+ Light barrier sensor ensures 100 % blinding protection
+ LED light activation only when an endoscope has been attached
+ Brightness control via ‘floating’ magnetic adjusting ring
+ Lock-function to prevent unintended activation durig transport



The advantages of the OTOLUX-LED at a glance



+ Automatically switches On and Off via integrated motion sensor
+ Anti-glare protection thanks to light barrier solution
+ Deactivated when the endoscope is removed
+ Daylight neutral white LED (CRI > 95)
+ Maximum luminance 205 lm/ 210 klx
+ Light operating time up to 11 hours
+ Brightness control via magnetic adjusting ring
+ Compatible with all commonly used endoscopes
+ Lock function for transport
+ Can be fully immersed in disinfection solution

Technical Data

LIGHT OUTPUT
+ CRI value: >95
+ Luminous flux: 205 lm / > 210 klx
+ Light colour: daylight neutral white
+ LED lifetime: approx. 50.000 hours
+ Continuous brightness control

SPECIFICATION
+ Automatically switches On and Off via motion sensor
+ Anti-glare protection thanks to light barrier solution
+ Deactivated when the endoscope is removed
+ Light cannot be activated without the endoscope
+ Optional personal engraving (e.g. for clear identification on the hospital ward)

LIGHT OPERATING TIME
+ With maximum brightness: 2 h 55 min
+ With minimum brightness: up to 11 h

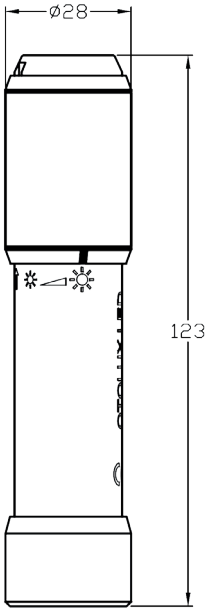
BATTERY PERFORMANCE
+ Low battery signal
+ Lithium-ion battery: Type 18650, 3,7 V, 3400 mAh

MATERIAL
+ Hand piece: Anodized aluminium

DIMENSIONS AND WEIGHT (incl. battery)
+ 123 mm; Ø 28 mm; 161 g

HYGIENE
+ Can be fully immersed in disinfection solution; removable adjusting ring; protective cap for LED optics channel

CE marking according to Regulation (EU) 2017/745



Dimensions in mm

Luminous flux	205 lm
CRI value	>95
Light colour	daylight neutral white
Light operating time with maximum brightness	2h 55min ~ 350 examinations
Battery	3400 mAh
Motion sensor	yes
Light barrier sensor	yes
Handle colour	silver

All designs and specifications subject to change without notice.

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