



Modern Design

Operating lights INFIMED NEXUS source are distinguished by innovative technology and modern design.

The little weight, ergonomic light heads as well as comfortable handles enable [easy and precise](#) set up and positioning of the operating light during surgery.

Waterproof, resistant to environmental factors design and smooth surfaces guarantees [ease of disinfection](#) and maintenance for perfect hygiene.

Ergonomic shape of the light minimizes disruption of [laminar airflow](#) in the operating theatre. The light head are closed construction, composed of solid, permanently assembled elements.

Controls And Communication

The sensor type control panel (standard) enables adjustment of:

- illumination intensity
- endoscopic illumination intensity
- switching ON/OFF



Economy

[Low power consumption](#) and high efficiency of LED light sources, provide measurable economic benefits by reducing maintenance costs of the operating theater.

[Long lifetime](#) of LED technology light sources, estimated at over 50,000 hours, several times exceeds conventional light sources. There is no frequent replacement of the light sources, significantly reducing maintenance and replacement costs.

Efficiency

LED technology ensures [consistent light distribution](#) and enables almost shadow-free conditions.

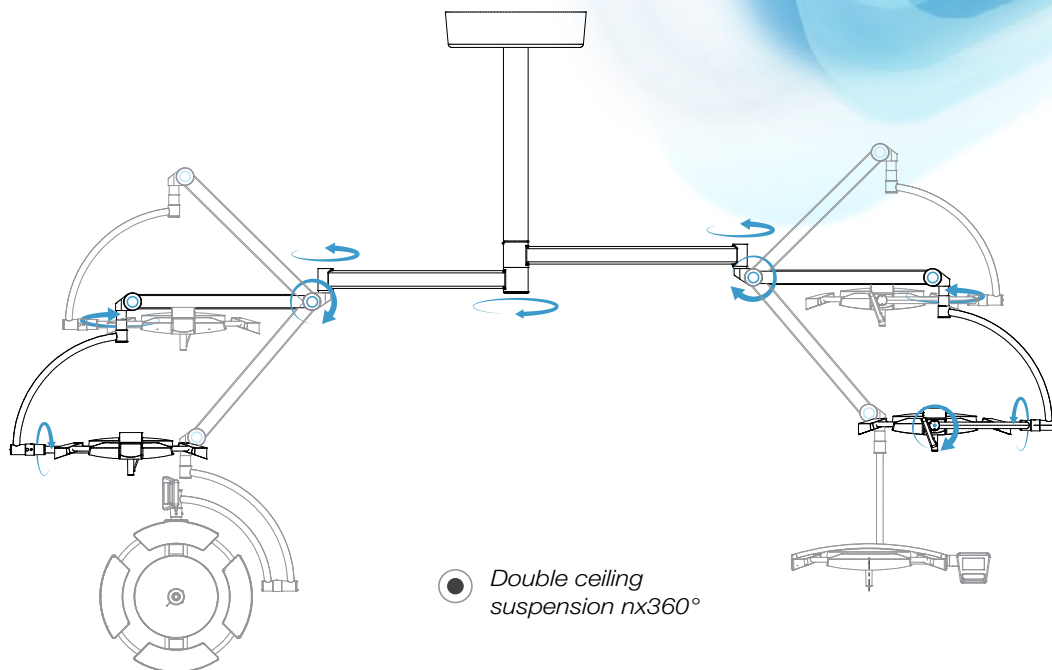
[Low heat radiation](#) minimize the temperature increase in the surgeon's head area to imperceptible level.

[High light intensity and color rendering index](#) facilitates surgeries of especially narrow and deep wounds. The illumination is electronically dimmed to provide optimum illumination of operating field. Together with wide range of [operating field size adjustment](#) optimal visual conditions are ensured.



Adjustable [endo light](#) function reduces eye fatigue in case of endoscopic procedures and reflections on the monitors.

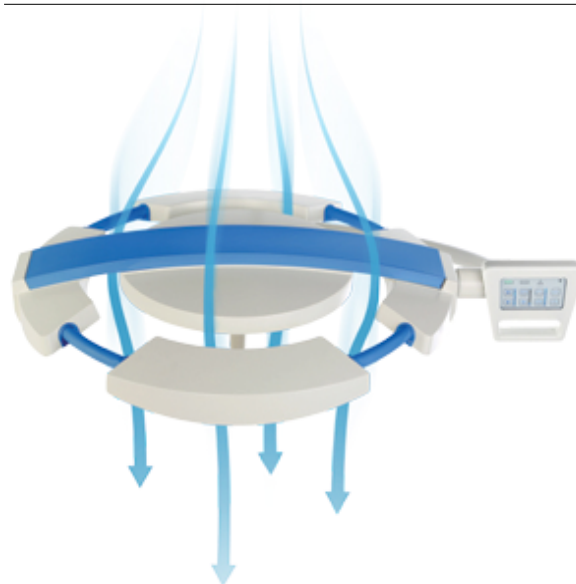
Configurations



Parameter

- Light Head	: OL - 01 + OL - 01
- Ceiling Type	: Double ceiling suspension nx360
- Light intensity Ec	: 160 000 lx
- Light intensity adjustment	: 5 - 100%
- Color temp. Tc (without adjustment)	: 4300 K
- Light field diameter d10 at Ec	: 180 - 400 mm
- Working range	: 600 - 1500 mm
- Illumination depth (L1 + L2)	: 1300 mm
- Color rendering index (Ra)	: > 95
- Endo lighting	: Green Light
- Temp of light surface	: < 40°C
- Increase of temp. near surgeon's head	: < 1°C
- Power supply	: 90 - 265 V AC
- Power Consumption	: Max 120 W
- Luminary head voltage	: 20 - 30V DC
- Average service life of the LED's (h)	: > 50.000
- Class of protection of light head	: IP54

Flow-optimised light head



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