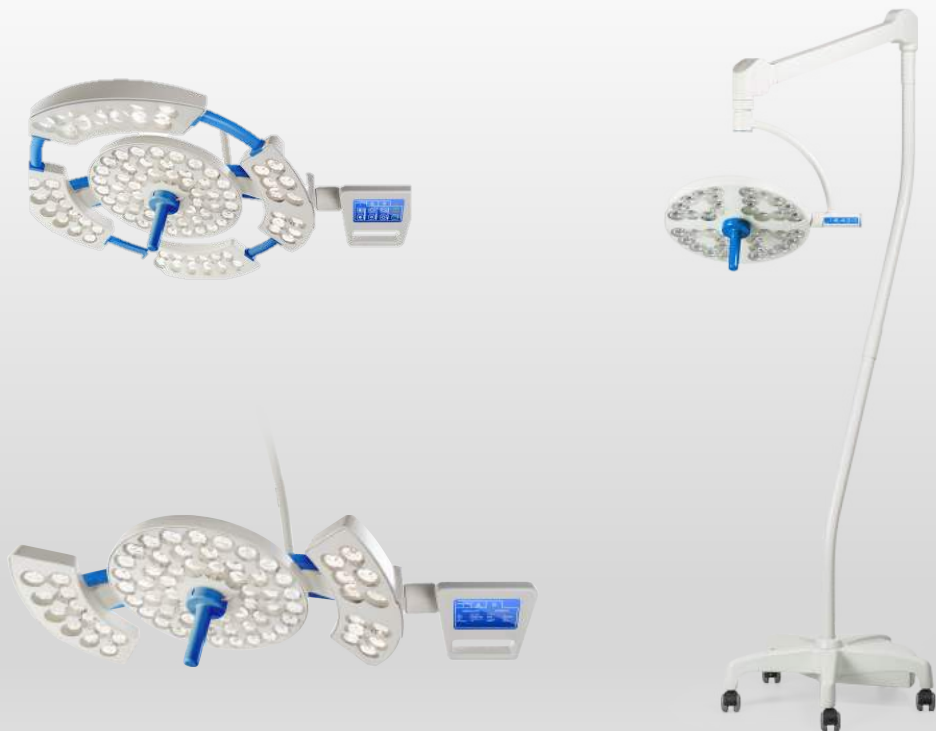


DATA SHEET

SURGICAL LIGHTS INFIMED

ONYX TL-01 / NEXUS OL-01 / NEXUS OL-02 / PROXY OL-03



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OL-02 / Operating light head

Parameter of operating light INFIMED NEXUS	OL-01	OL-02
Light intensity E_c	160 000 lx	130 000 lx
Light intensity adjustment	5 – 100%	5 – 100%
Color temperature T_c (without adjustment)	4300K (4800 K)*	4300K (4800K)*
Color temperature T_c (with adjustment)	(3700 – 5000 K)*	(3700 – 5000K)*
Light field diameter d_{10} at E_c	240 mm (180 – 400mm)*	240 mm (180 – 400mm)*
Working range	700 – 1400 mm	700 – 1400 mm
Illumination depth (L1+L2)	800 mm (1200 mm)*	800 mm (1200 mm)*
Color rendering index [Ra(1-8)]	> 93 (> 95)*	> 93 (> 95)*
Red color rendering index [R9]	> 90*	> 90*
Endo lighting with adjustable intensity	Green light	Green light
Temperature of light surface after 60 min	< 40,00 °C	< 40,00 °C
Increase of temperature near doctor's head	< 1,00 °C	< 1,00 °C
Power supply	90 – 250 V AC	90 – 250 V AC
Power consumption	110W	80W
Luminary head voltage	24 – 28V DC	24 – 28V DC
Average service life of the LEDs (h)	> 50 000	> 50 000
Class of protection of light head	IP54	IP54

* additional options

OL-03



OL-03 / Backside view

OL-03 / Side view

Parameter of operating light INFIMED PROXY	OL-03
Light intensity Ec	160 000 lx
Light intensity adjustment	5 – 100%
Color temperature Tc (with adjustment)	3800 – 4800 K
Light field diameter d10 at Ec	230 mm – 400mm
Working range	700 – 1400 mm
Illumination depth (L1+L2)	1200 mm
Color rendering index [Ra(1-8)]	> 96
Red color rendering index [R9]	> 93 (> 95)*
Endo lighting with adjustable intensity	Green light
Temperature of light surface after 60 min	< 40,00 ° C
Increase of temperature near doctor's head	< 1,00 ° C
Power supply	90 – 250 V AC
Power consumption	80 W
Luminary head voltage	24 – 28V DC
Average service life of the LEDs (h)	> 50 000
Class of protection of light head	IP54

* additional options

Values are subject to a general industry tolerance of +/- 5%

TL-01



Minor operating light ONYX, 100 000 lx with field size adjustment.



Treatment light ONYX, 30 000 lx

Parameter	INFIMED ONYX 60 000/100 00 lx	INFIMED ONYX 30 000 lx
Light intensity Ec	60 000 lx / (100 000 lx)*	30 000 lx
Dimming range	10 – 100%	10 – 100%
Color temperature Tc	4300K (4800K)*	4300K (4800K)*
Light field size d10 at Ec	260 mm / (240 – 340 mm)*	180 mm
Color rendering index [Ra(1-8)]	> 92 (> 95)*	>92 (>95)*
Red color rendering index [R9]	(>90)*	> 90 (> 92)*
Temperature of light surface after 60 min	< 40,00° C	< 40,00° C
Increase of temperature near doctor's head	< 1,00° C	< 1,00° C
Power supply	90 – 250 V AC	90 – 250 V AC
Power consumption (± 10%)	50W	20W
Luminary heads voltage	24 – 28V DC	24 – 28V DC
Life cycle of the lights	> 50 000	> 50 000
Class of protection of light head	IP54	IPX2

* additional options

Values are subject to a general industry tolerance of +/- 5%



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