

UNICA 520



RIMSA

Brightening Ideas



www.rimsa.it

LAMP MODEL UNICA 520

UNICA, THE ONLY LIGHT WITHOUT GLARE.

UNICA is the upshot of the engineering imagination of a close-knit team of physicists, engineers and surgeons with the aim of shedding light on the surgical field and suppressing all forms of direct and indirect glare.

2R DOUBLE REFLECTION SYSTEM

The 2R system eliminates annoying glare, also side glare, in case of inadvertent vision of the light source by the operating theatre staff.

The LED light beams are conveyed into an aspherical lens and projected on the first elliptical segmented mirror, which in turn reflect them onto the second mirror with smooth surface and convey them into the surgical field. The latter reflection passes through the screen made with a roughness index such as to stratify and collimate the light beam. The large light emission area and the circular shape of the interruption-free mirrors produce a shadowless effect.

The two continuous double-reflection circular modules light with different focal distances to optimize the shadowless effect, ensuring an ample light depth and maintaining constant lighting.



PERFORMANCES

Light intensity at 1m distance (Ec)	Klx	160
Color temperature (7 selections)	K	3.800-5.000
Color rendering index (CRI)	Ra	96
R9		96
d10 light field diameter where illuminance reaches 10% of Ec	mm	210
Light field diameter adjustable from – to –	mm	210-350
Depth of illumination IEC60601-2-41 (L1+L2) at 60%	cm	49
Depth of illumination IEC60601-2-41 (L1+L2) at 20%	cm	103
Total radiated energy Ee where the illuminance reaches max level	W/m2	580
Ratio between radiated energy Ee and illuminance Ec	mW/m2lx	3,68

ELECTRICAL DATA

Primary alternating voltage (a.c.)	V	100 - 240
Frequency	Hz	50/60
Absorbed power	W	53
No. of LED	Led	84
Average LED life	hours	>60.000

VERSIONS AVAILABLE:



-CEILING SINGLE
with single yoke

(code **UNICA520SO**)



-CEILING DOUBLE
with single yoke

(code **UNICA520+520**)



-CEILING SINGLE
with double yoke

(code **UNICA520SO + DY1**)



-CEILING DOUBLE
with double yoke

(code **UNICA520+520 + DY2**)



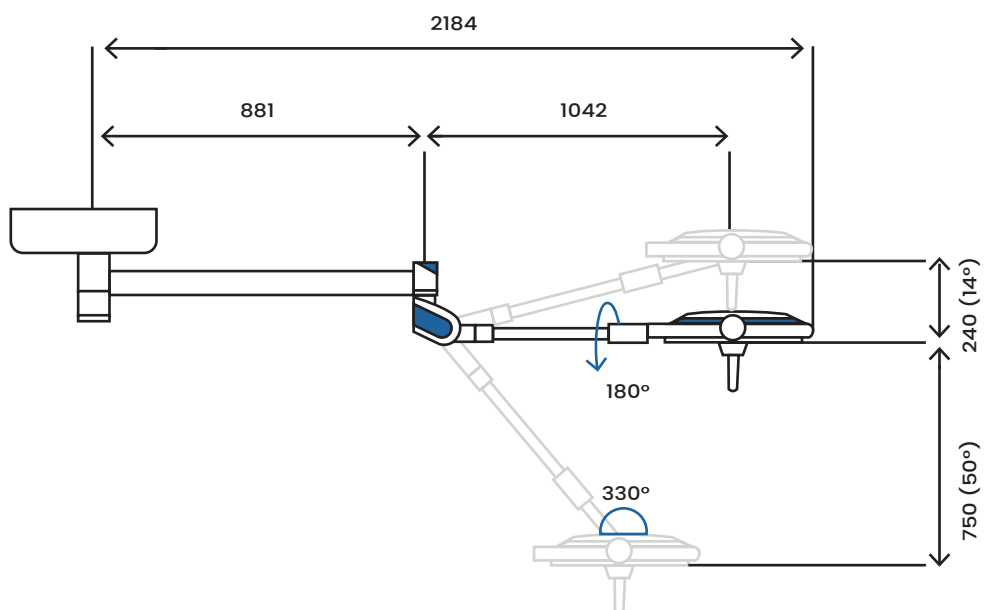
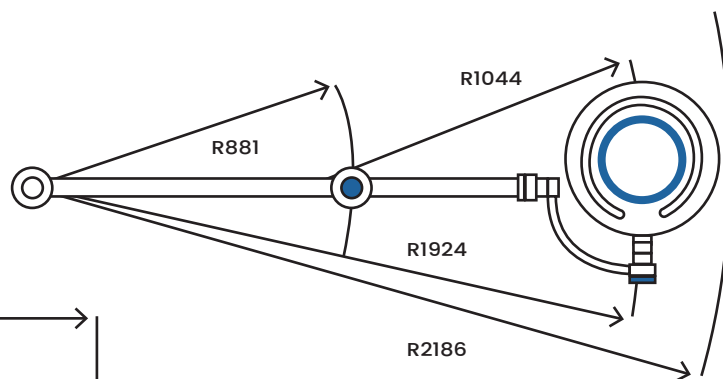
-MOBILE
available only single yoke

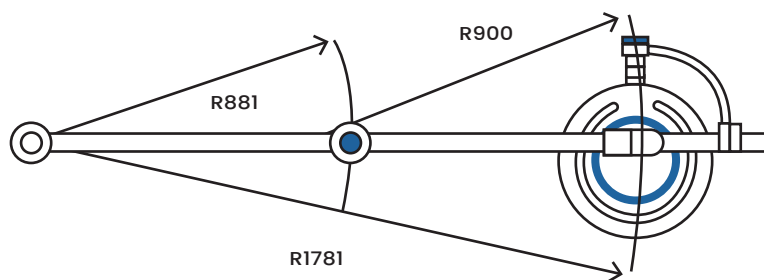
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RIMSA OPTIONAL:

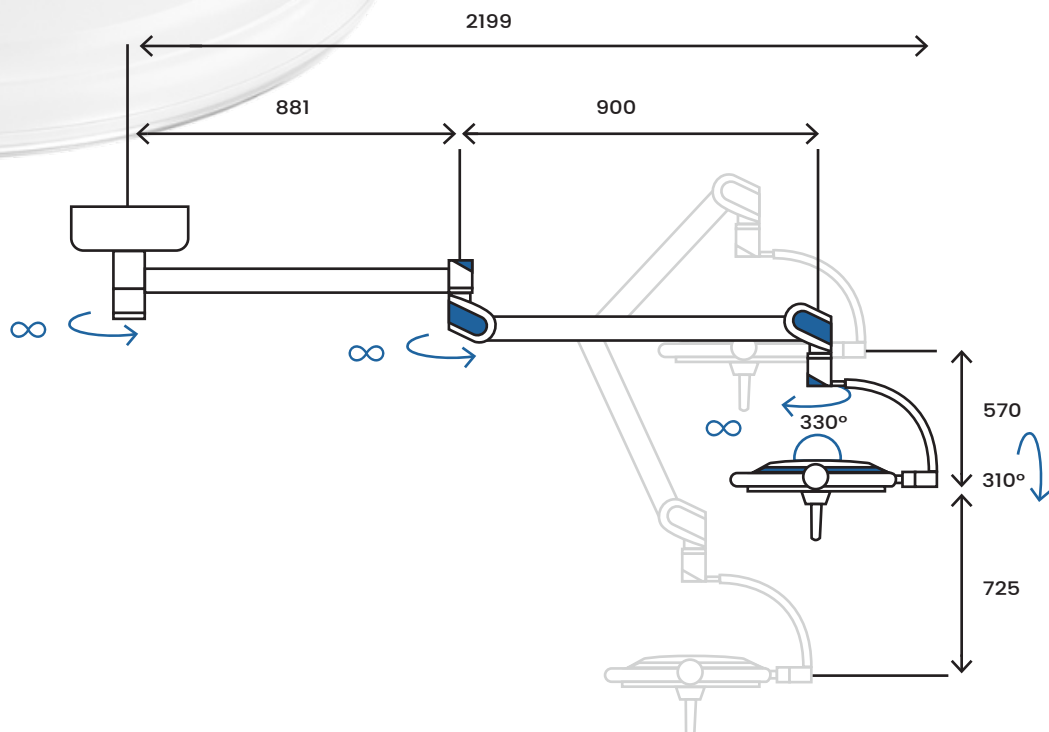
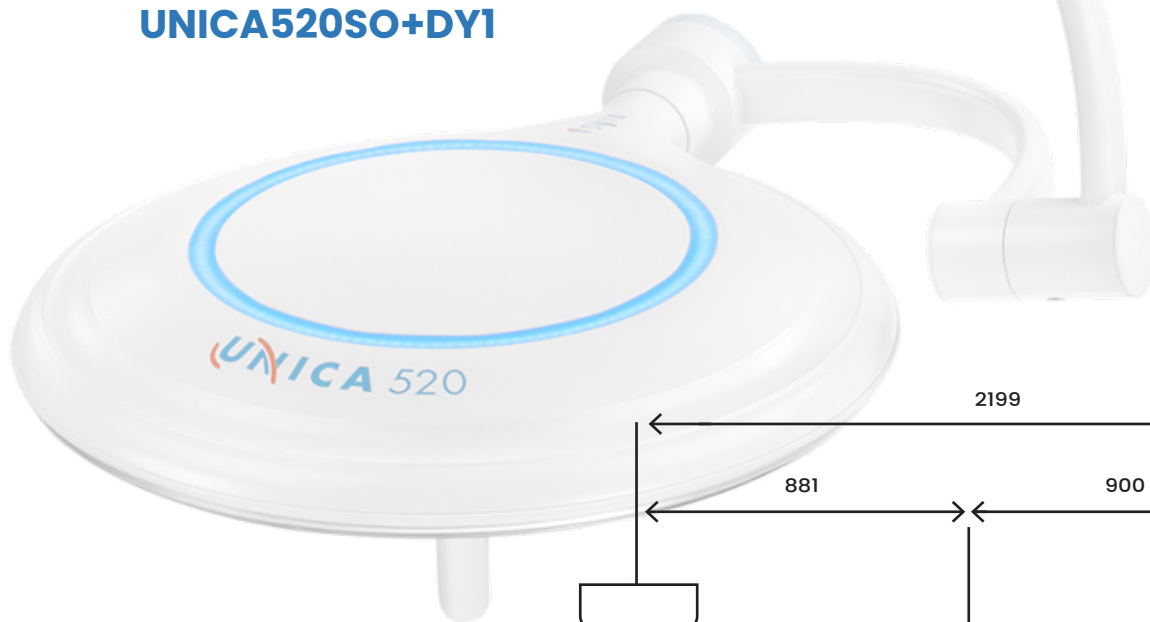
- BATTERY GROUP
- HD CAMERA (HD-SDI signal)
- WIRELESS HD CAMERA
- IR remote control
- WALL CONTROL PANEL
- Additional arm for Monitor
- Additional arm for double Monitor
- Double yoke

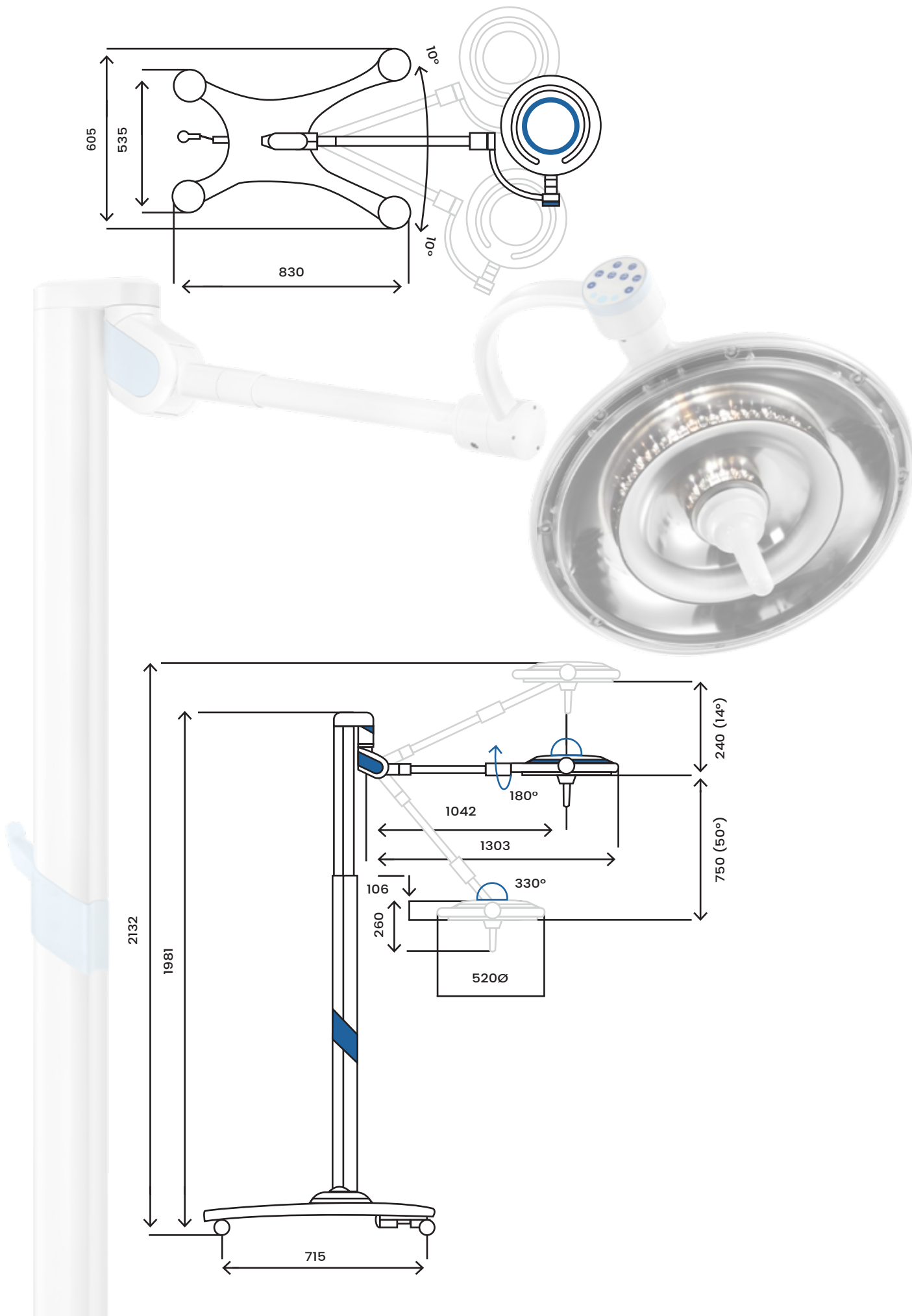
UNICA520SO

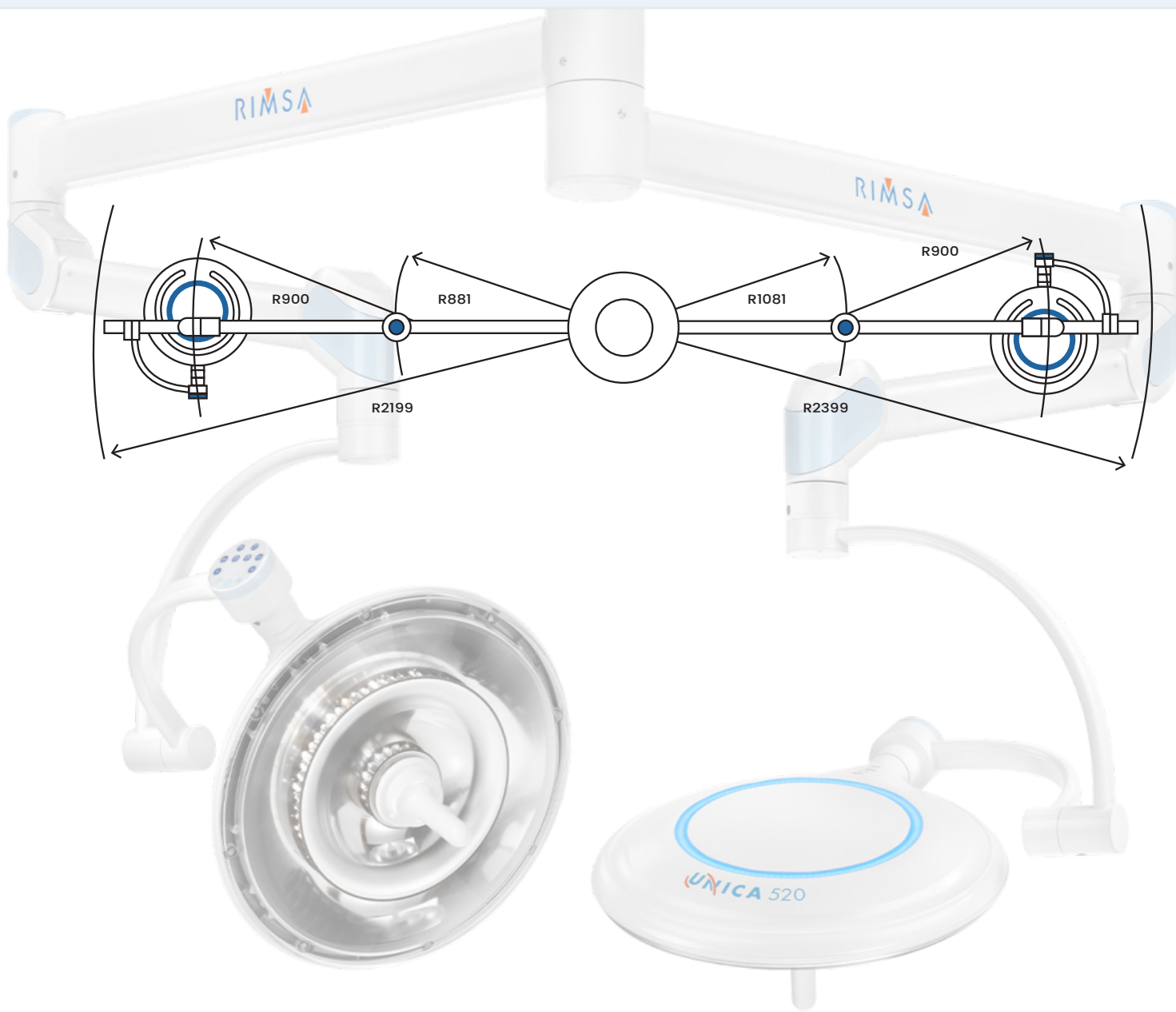




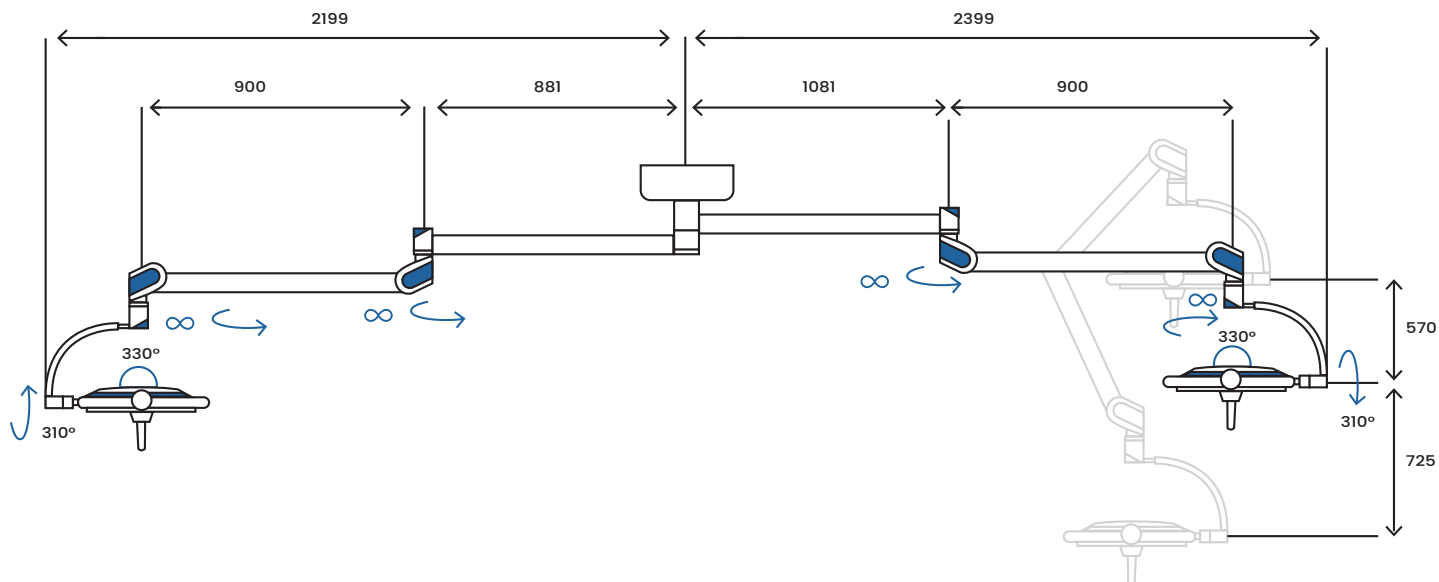
UNICA520SO+DY1





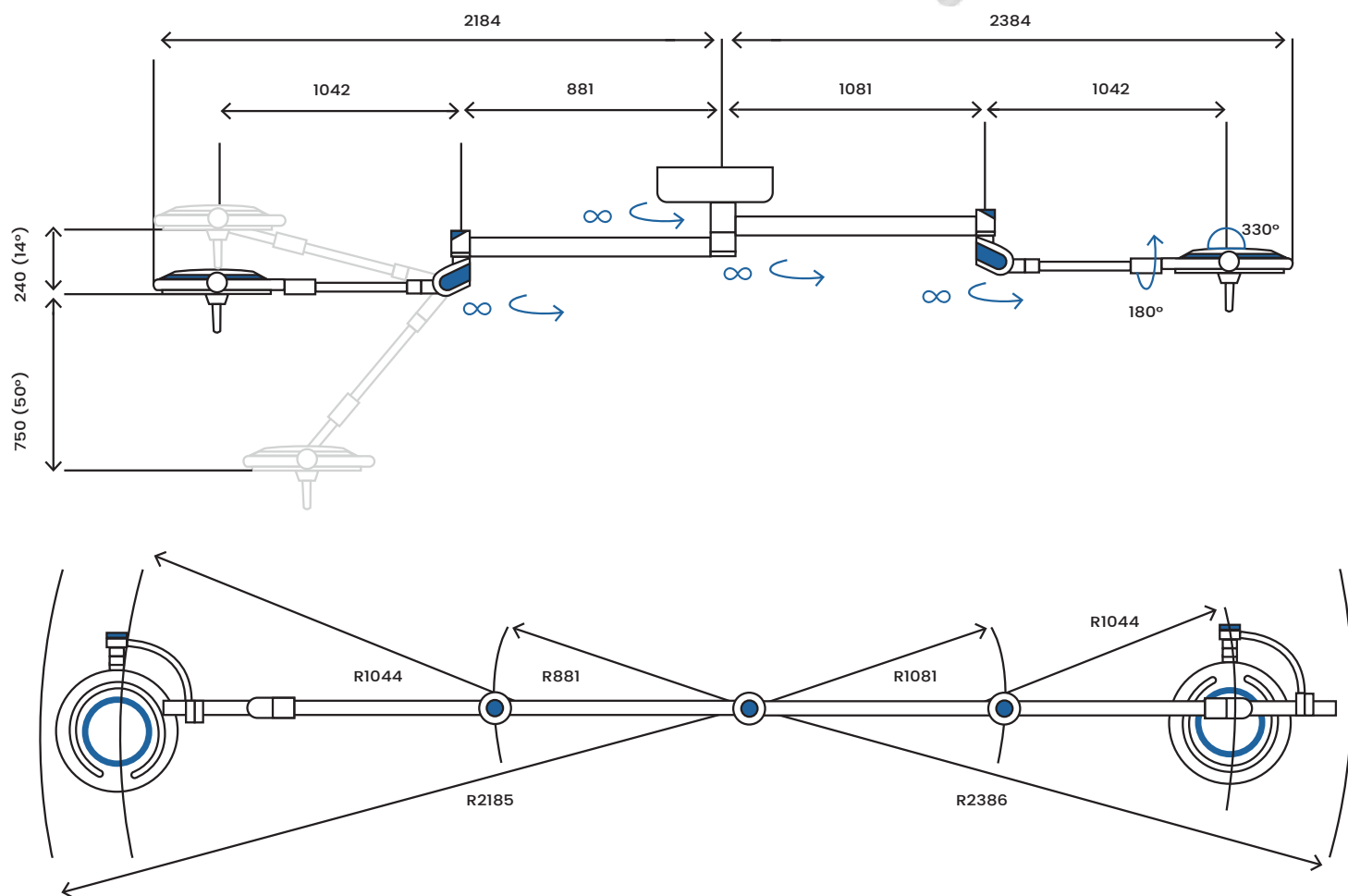


UNICA520+520+DY2





UNICA520+520



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Research & component
MADE IN ITALY



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