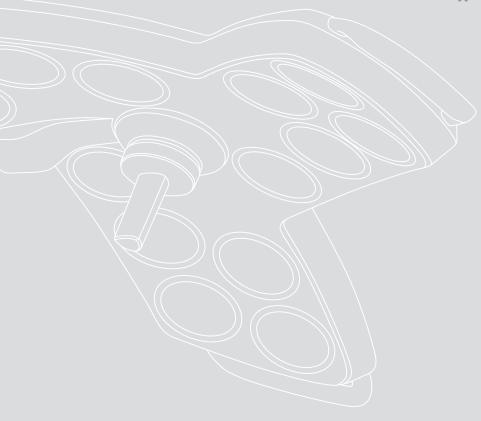
## Operating Lights



## marLED® E15/E9

A different kind of light







The marLED® E Battery version enables you to use these operating lights as mobile units for up to eight hours, independently of any power supply. Great for use in humanitarian efforts, for example.

The light series satisfies the highest hygienic requirements and also impresses with its excellent price-performance ratio. This pays off handsomely, benefitting all who use it. marLED® E – light just couldn't be more efficient.

Practical and convenient: The marTouch® remote control lets you control operating lights and the camera system surgiCam®, but offers users lots of additional information. Docking station included, with table or wall fixation.







Enlightening benefits

for your eco balance

For all those who already think of tomorrow in their daily dealings, the marLED® E is the light of the future. This is simply because it not only offers perfect illumination of the surgical site, but ensures excellent energy efficiency at the same time. This pays off in multiple ways, for hospitals, patients – and the environment.





marLED® E Battery -

## mobile, powerful, self-contained



It looks exactly like the marLED® E, it is just as powerful, yet mobile and works without any external power supply – the marLED® E

Battery. The batteries are directly integrated into the light head. And what's best, recharging is just a matter of two hours.

As a result, the marLED® E Battery delivers brilliant light for up to 8 hours. Wherever it is used – in the wilderness, in humanitarian efforts, in developing regions, in crisis areas. In fact, anywhere where light matters a lot – but no power supply is available.

From the smallest to the largest light – the marLED® E Battery series includes all variants of the customary marLED® E series. And it also offers a maximum output of 160,000 lx. Reliable power supply just couldn't be more mobile.





A light source life of 40,000 hours, a cardanic suspension tailored to the operating room, a hitherto unknown laminar flow performance – the marLED® E offers an unrivaled combination of economy, efficiency and security in terms of lighting and hygiene! The bottom line is an excellent price-performance ratio – just the right investment for any clinic or hospital.

All marLED® E lights are also available in a battery version for off-the-grid operation. Following a charging period of just two hours, these versions provide light for up to eight hours.

	marLED® E15	marLED® E9i	marLED® E9
Turbulence degree (standard value: 37.5%)	24%	27%	27%
Power input <sup>1)</sup>	49 W	45 W	35 W
Effective life of light source	40,000 h	40,000 h	40,000 h
Central illuminance (electric dimming from/to)	30-100% / 5% (in endo-mode)		
Central illuminance (at a distance of 1 m)	160.000 lx	160.000 lx	130.000 lx
Light field diameter (d10, distance of 1 m)	175-260 mm	170-220 mm	160-230 mm
Color rendering index (CRI) [Ra (1-8)]	95	95	95
Battery charging time <sup>2)</sup> (for marLED® E Battery)	2 h	2 h	2 h

<sup>1)</sup> at 24 VDC, small light field, maximum illuminance 2) in standby mode

## **KLS Martin Group**

Karl Leibinger GmbH & Co. KG 78570 Mühlheim · Germany Tel. +49 7463 838-0 info@klsmartin.com

KLS Martin GmbH + Co. KG 79224 Umkirch · Germany Tel. +49 7665 9802-0 info@klsmartin.com

Stuckenbrock Medizintechnik GmbH 78532 Tuttlingen · Germany Tel. +49 7461 16 58 80 verwaltung@stuckenbrock.de

Rudolf Buck GmbH 78570 Mühlheim · Germany Tel. +49 7463 99 516-30 info@klsmartin.com KLS Martin France SARL 68000 Colmar · France Tel. +33 3 8921 6601 france@klsmartin.com

Martin Italia S.r.I. 20871 Vimercate (MB) · Italy Tel. +39 039 605 6731 italia@klsmartin.com

Martin Nederland/Marned B.V. 1270 AG Huizen · The Netherlands Tel. +31 35 523 45 38 nederland@klsmartin.com

KLS Martin UK Ltd. Reading RG1 3EU · United Kingdom Tel. +44 1189 000 570 uk@klsmartin.com Nippon Martin K.K. Osaka 541-0046 · Japan Tel. +81 662 28 90 75 nippon@klsmartin.com

KLS Martin L.P.
Jacksonville, FI 32246 · USA
Tel. +1 904 641 77 46
contact@klsmartin.com

Gebrüder Martin GmbH & Co. KG Representative Office 121471 Moscow · Russia Tel. +7 499 792-76-19 russia@klsmartin.com

Gebrüder Martin GmbH & Co. KG Representative Office 201203 Shanghai · China Tel. +86 21 2898 6611 china@klsmartin.com Gebrüder Martin GmbH & Co. KG Representative Office Dubai · United Arab Emirates Tel. +971 4 454 16 55 middleeast@klsmartin.com

1923 SURGICAL 2013 YEARS INNOVATION

Gebrüder Martin GmbH & Co. KG
A company of the KLS Martin Group
KLS Martin Platz 1 · 78532 Tuttlingen · Germany
Postfach 60 · 78501 Tuttlingen · Germany
Tel. +49 7461 706-0 · Fax 706-193
info@klsmartin.com · www.klsmartin.com