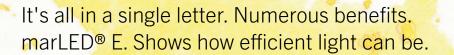


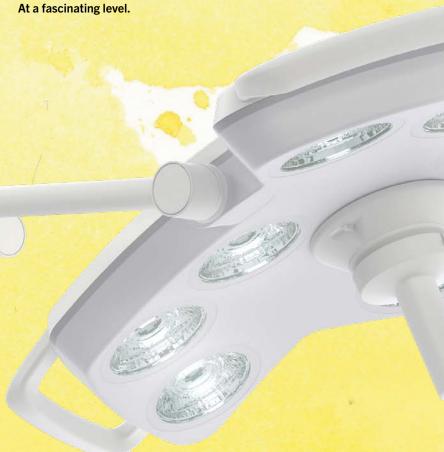
The new marLED® E9i/E15 and marLED® E9i/E15 battery

Show how efficient light can be.



The marLED® E series provides brilliant light based on state-of-the-art LED technology. It combines impressive performance and user-focused design with maximum efficiency - in both ecological and economic terms.

This pays dividends: for all users.



The marLED® E is as individual as your operating theater. It is available in two designs and combinations: marLED® E9i and marLED® E15.

Tailored to your needs.

At an unbeatable price-performance ratio.

Shows how efficient light can be.

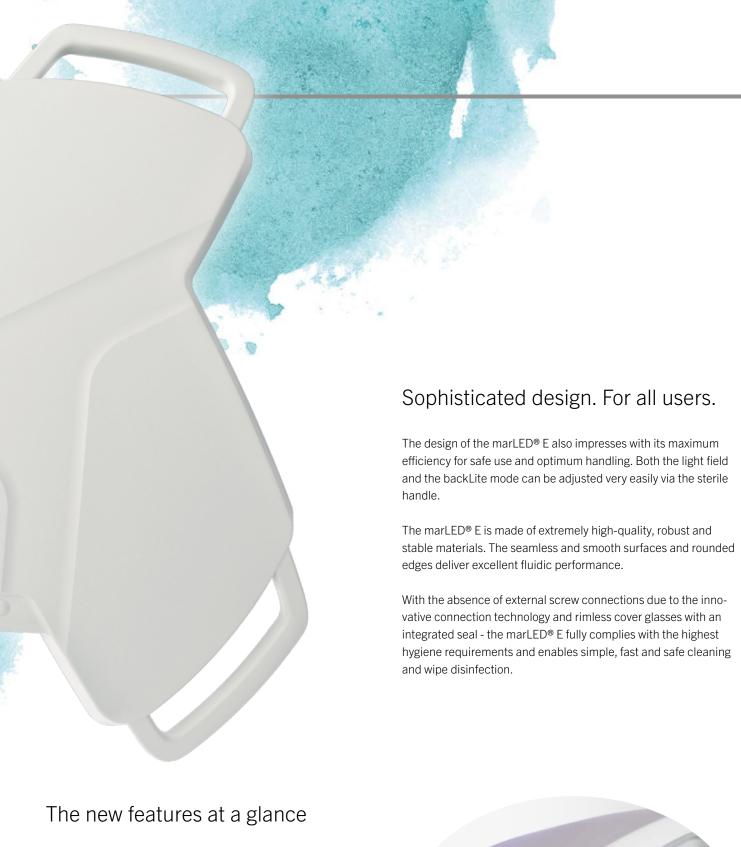


The new features at a glance

- Large touch-sensitive marTouch® Pro operating device for controlling individual or multiple lights simultaneously
- Interactive communication of all system components via Bluetooth®
- Intuitive operation and numerous setting options
- Compatible with all handles of the existing range
- Optional integration of surgiCam® camera system
 HD, HD wireless and 4K wireless)
- Mounting options on the light's fully cardanic suspension, on the table, on the wall and on the standard rail







- Extended color temperature range between 3,000 and
- Changing the color temperature via the sensoGrip multifunction handle directly on the light
- Continuous adjustment of the backLite background light from 1% to 30%, i.e. for endoscopic procedures*
- LTM (LightTubusMax or comfort light): automatic setting of a standard light field with preset illuminance, diameter and color temperature*
- Optional: saving of discipline- and user-related settings*

KIS martin MOLED EN



Ready for peak performance. With a view to the future.

For everyone who is already thinking about tomorrow today, the marLED® E is the light of the future. Not only because it ensures optimized lighting of the surgical field, but because it also delivers impressive energy efficiency. At over 60,000 hours, the service life of the lamp lies in the absolute top range.

The marLED® E uniquely combines the aspects of economy and sustainability with photometric performance and hygienic safety.

This certainly pays dividends. For the clinic, for patients — and for the environment.



The marLED® E series, right down to the tiniest detail. Everything at a glance.

	marLED° E9i	marLED° E15
Degree of turbulence (standard value 37.5% max.)	27%	24%
Power rating ¹	40 W	35 W
Expected average service life of the lamp	> 60,000 h	
Light field diameter (d10, distance 1 m) ²	180-270 mm	190-290 mm
Central illuminance (1 m distance)	160,000 lx	
Color temperature ²	3,000 K to 5,500 K (infinitely variable)	
Central illuminance electrically dimmable from/to ²	31-100% / 1-30% (Endo mode)	
Color rendering index Ra /R9/R13	99	
Rechargeable battery charging time ³ (for marLED® E battery)	2.5 h	
IP protection class	42	

 $^{^{\}rm 1)}$ at 24 VDC, small light field, maximum illuminance

²⁾ extended setting options with optional marTouch® Pro

 $^{^{3)}}$ for lamp in standby mode

For production reasons and metrological reasons, all of the data provided relating to the light output has a tolerance of +/- 10%. All values conform to IEC 60601-2-41.

KLS Martin Group

KLS Martin Australia Pty Ltd.

Sydney · Australia Tel. +61 2 9439 5316 australia@klsmartin.com

KLS Martin Italia S.r.l.

Milan · Italy Tel. +39 039 605 67 31 info@klsmartin.com

KLS Martin Nederland B.V.

Huizen · Netherlands Tel. +31 35 523 45 38 infonl@klsmartin.com

KLS Martin UK Ltd.

Reading · United Kingdom Tel. +44 118 467 1500 info.uk@klsmartin.com

KLS Martin do Brasil Ltda.

São Paulo · Brazil Tel. +55 11 3554 2299 brazil@klsmartin.com

KLS Martin Japan K.K.

Tokyo · Japan Tel. +81 3 3814 1431 info@klsmartin.com

KLS Martin SE & Co. KG

Moscow · Russia Tel. +7 499 792 76 19 russia@klsmartin.com

KLS Martin LP

Jacksonville · Florida, USA Tel. +1 904 641 77 46 usa@klsmartin.com

KLS Martin Medical (Shanghai) International Trading Co., Ltd

Shanghai · China Tel. +86 21 5820 6251 info@klsmartin.com

KLS Martin SE Asia Sdn. Bhd.

Penang · Malaysia Tel. +604 261 7060 malaysia@klsmartin.com

KLS Martin Taiwan Ltd.

Taipei · Taiwan Tel. +886 2 2325 3169 taiwan@klsmartin.com

KLS Martin SE Asia Sdn. Bhd.

Hanoi · Vietnam Tel. +49 7461 706-0 info@klsmartin.com

KLS Martin India Pvt Ltd.

Chennai · India Tel. +91 44 66 442 300 india@klsmartin.com

KLS Martin de México, S.A. de C.V.

Mexico City · Mexico Tel. +52 55 7572 0944 mexico@klsmartin.com

KLS Martin SE & Co. KG

Dubai · United Arab Emirates Tel. +971 4 454 16 55 middleeast@klsmartin.com

KLS Martin SE & Co. KG A company of the KLS Martin Group KLS Martin Platz $1\cdot78532$ Tuttlingen \cdot Germany PO Box $60\cdot78501$ Tuttlingen \cdot Germany

Tel. +49 7461 706-0 \cdot Fax +49 7461 706-193 info@klsmartin.com \cdot www.klsmartin.com