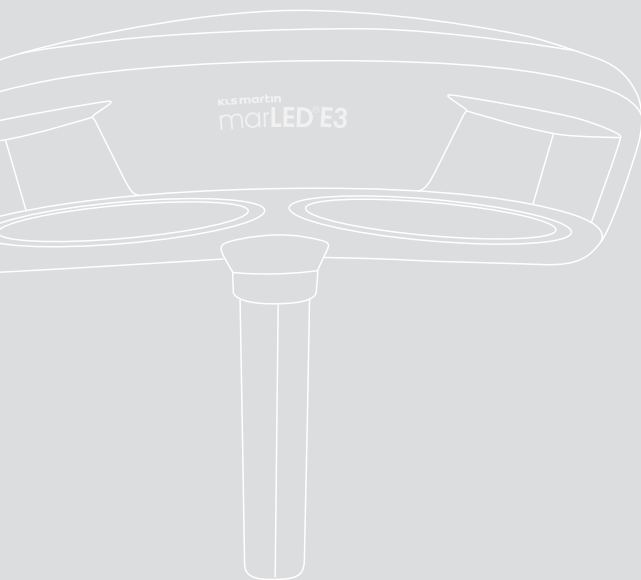


Examination Lights



marLED® E3

Latest-generation examination light



The new marLED® E3 from KLS Martin satisfies the highest quality standards. Boasting a completely new design, the light offers excellent ergonomic handling and optimized performance in terms of hygiene.



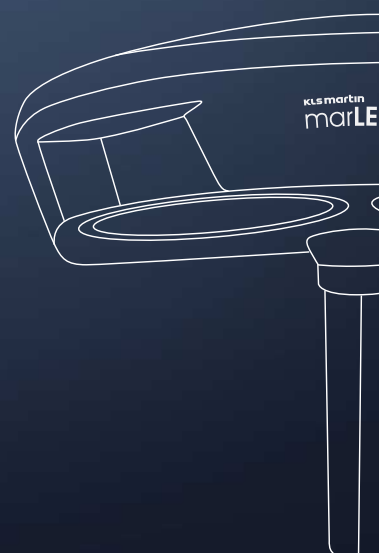
*marLED® E3
Ceiling-mounting version*



*marLED® E3
Wall-mounting version*



*marLED® E3
Mobile version*



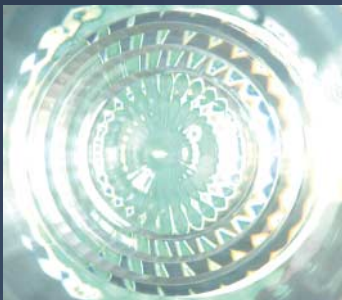
marLED® E3

Light made to measure

What's more, the use of the latest LED lighting technology lets you always keep a cool head. Heat radiation – a typical side-effect of halogen lights – is no longer a problem.

Additional advantages include excellent color rendition, a color temperature similar to daylight, and very low operating costs due to the extremely long life of the latest-generation LEDs. And since the *marLED® E3* incorporates no wearing parts, maintenance and servicing costs are completely eliminated. For technical details, please refer to the table on the right.





New, innovative lens system

- Offers the lighting technologies of an operating light
 - Homogeneous light field thanks to microstructure technology
 - Excellent deep cavity illumination
 - Maximum shadow dilution
 - Excellent contrast viewing
- Maximum efficiency – i.e., maximum illuminance, but with minimum power requirements



Hygiene and operation

- The new, hygiene-optimized design satisfies the highest quality standards
- Closed housing with smooth contours – optimal for fast and efficient cleaning
- Innovative joining technology eliminates hygienically problematic areas on the housing (no screws, no undercuts)
- Flush-integrated front glasses in 2K technology and flush-integrated membrane keypad for easy, hassle-free cleaning and wiping disinfection
- Seamlessly integrated control panel
 - ON/OFF and dimming 30-100%
 - LED indicators



Handle option 1

- The examination light is fitted with a sterilizable light handle for sterile operation.

89-700-05-04
Handle support and 2x Sterile handle



Handle option 2

- Also available as an alternative option with a handle element for use with disposable covers.

89-940-02-04
Handle for disposable sterile covers
89-940-20-04
Disposable sterile covers (100 pcs.)

Ideal for use

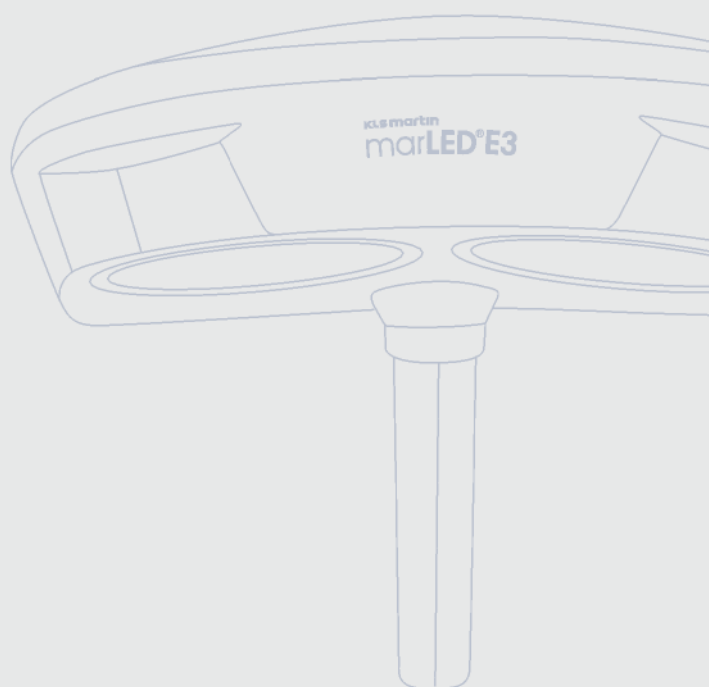
- Hospitals
 - Outpatient departments
 - Induction and postanesthesia care
 - Examination rooms
- Oral and maxillofacial surgery
- Medical practices
- Dental and oral surgery
- Veterinary medicine

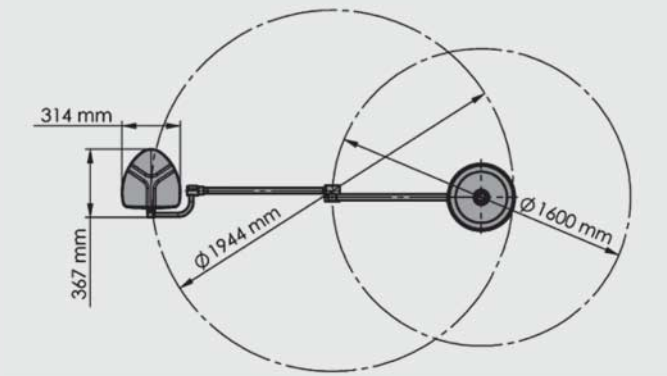
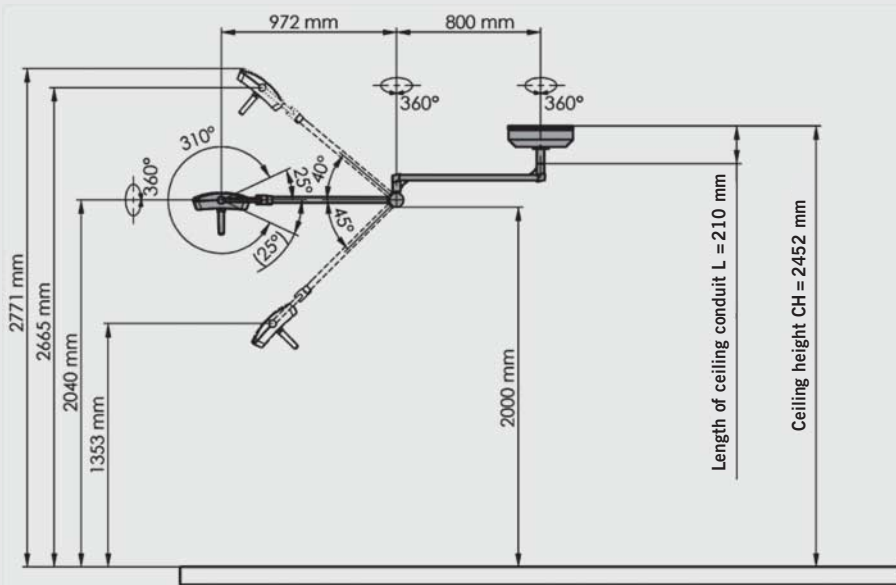
Technical data at a glance

	marLED® E3
Supply voltage thanks to integrated universal PSU	100-240 V AC / 50-60 Hz
Color temperature	4,500 K
Illuminance at a distance of 1.0 m	60,000 Lux
Light field diameter	150 mm
Color rendering index (CRI) R _a (1-8)	95
Working range	700 mm
Rated wattage	3 x 5 W
Average LED life	> 40,000 h

* integrated universal power supply suitable for all countries 100-240 VAC, 50-60 Hz

Due to manufacturing and measuring tolerances,
all data relating to lighting systems has a tolerance of +/- 5%.





89-700-02-04

marLED® E3 ceiling-mounting version
(without ceiling conduit and canopy)

89-700-01-04

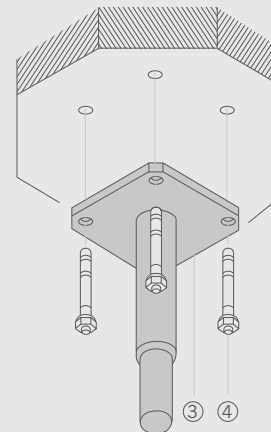
marLED® E3 wall-mounting version

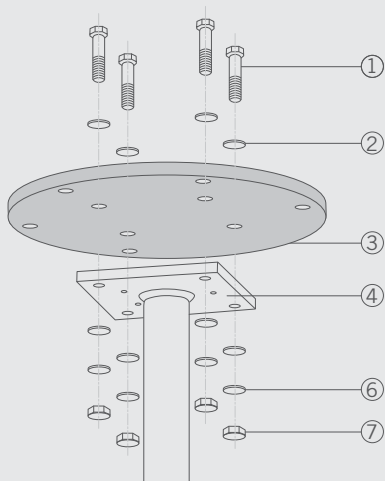
89-700-00-04

marLED® E3 mobile version

marLED® E3 – range of ceiling conduits

Ceiling height CH, (in mm), from ... to (in mm)		Length of ceiling conduit L (in mm)	Art. No.
2400	2452	210	89-972-70-04
2453	2502	260	89-972-71-04
2503	2602	360	89-972-72-04
2603	2702	460	89-972-73-04
2703	2802	560	89-972-74-04
2803	2902	660	89-972-75-04
2903	3002	760	89-972-76-04
3003	3102	860	89-972-77-04
3103	3202	960	89-972-78-04
3203	3302	1060	89-972-79-04
3303	3402	1160	89-972-80-04
3403	3502	1260	89-972-81-04
3503	3602	1360	89-972-82-04
3603	3702	1460	89-972-83-04
3703	3802	1560	89-972-84-04



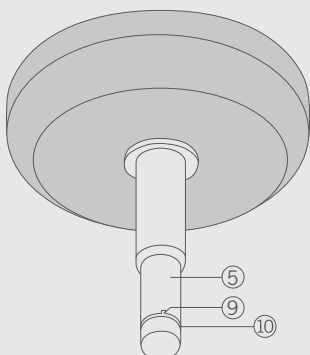


Mounting of ceiling conduit 42 mm to ceiling anchor plate TK 270 mm

- 1 Hexagonal screw M 10 x 45
- 2 Washer disk
- 3 Adapter plate / ceiling anchor plate
- 4 Ceiling conduit
- 5 Washer disk
- 6 Spring washer
- 7 Screw nut M 10

Art. No. 89-513-00-04

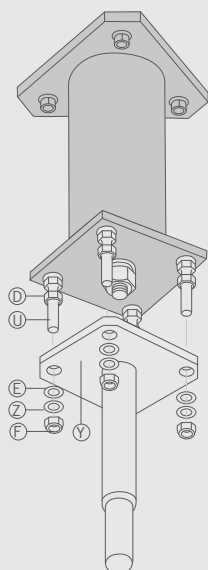
marLED® E3 adapter plate for DAP/ZDK



Canopy for marLED E3

Art. No. 89-700-04-04

360 x 105 x 42 mm



marLED® E3 – suspended ceiling design

Dimensions	Art. No.
200 mm	89-965-02-04
300 mm	89-965-03-04
400 mm	89-965-04-04
500 mm	89-965-05-04
600 mm	89-965-06-04
700 mm	89-965-07-04
800 mm	89-965-08-04
900 mm	89-965-09-04
1,000 mm	89-965-10-04
1,100 mm	89-965-11-04
1,200 mm	89-965-12-04
1,300 mm	89-965-13-04
1,400 mm	89-965-14-04
1,500 mm	89-965-15-04
1,600 mm	89-965-16-04
1,700 mm	89-965-17-04

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