



LED-Lighting

High-performance LED

Riester Medical Lighting

offers high-performance LED

examination lights for diagnostics

and procedures.



ri-magic® HPLED

High-performance LED examination light for diagnosis and procedures

- ▶ LED, 5700 K, CRI 93, 4.6 W – significantly less heat and energy loss
- ▶ Focusing device at the front of the light head
- ▶ Flexible gooseneck arm, length: 1.10 m (approx. 3.6 ft)*
- ▶ Rheostat handle for infinitely variable light intensity adjustment
- ▶ Wide-range power cord compatible with both 230 V and 120 V
- ▶ Available as desk model with clamp, wall-mounted model, or mobile model with integrated power supply on the pole
- ▶ Customisable plug options available upon request to match your country's electrical outlets (EU, UK, US, AU)
- ▶ Sturdy mobile base made of glass fibre-reinforced polyamide (GF30), featuring a black-painted steel pole and 54 cm (21.2 in) diameter castors
- ▶ Easy mobility thanks to low-friction, antistatic castors (two of which can be locked)

*Gooseneck length measured excluding any housing containing electronics



Mobile model



Desk model



Wall model

Technical data

Distance	1000 mm (39.37 in)	800 mm (31.50 in)	600 mm (23.62 in)	400 mm (15.75 in)	200 mm (7.87 in)
Lux max*	25,000 lux	35,000 lux	60,000 lux	130,000 lux	>200,000 lux
Circle of light max. Ø	500 mm (19.69 in)	400 mm (15.75 in)	320 mm (12.60 in)	230 mm (9.05 in)	130 mm (5.12 in)
Circle of light min. Ø	80 mm (3.15 in)	60 mm (2.36 in)	50 mm (1.97 in)	35 mm (1.38 in)	20 mm (0.79 in)

*Brightness at maximum intensity setting, tolerance ±20 %

ORDERING INFORMATION

6230	ri-magic® HPLED Desk, universal clamp, multi-region plug adapter with EU plug
6230.001	ri-magic® HPLED Desk, universal clamp, multi-region plug adapter with UK plug
6230.002	ri-magic® HPLED Desk, universal clamp, multi-region plug adapter with US plug
6230.003	ri-magic® HPLED Desk, universal clamp, multi-region plug adapter with AU plug
6240	ri-magic® HPLED Wall, multi-region plug adapter with EU plug
6240.001	ri-magic® HPLED Wall, multi-region plug adapter with UK plug
6240.002	ri-magic® HPLED Wall, multi-region plug adapter with US plug
6240.003	ri-magic® HPLED Wall, multi-region plug adapter with AU plug
6252	ri-magic® HPLED Mobile, power pack fixed to mobile stand, multi-region plug adapter with EU plug
6252.001	ri-magic® HPLED Mobile, power pack fixed to mobile stand, multi-region plug adapter with UK plug
6252.002	ri-magic® HPLED Mobile, power pack fixed to mobile stand, multi-region plug adapter with US plug
6252.003	ri-magic® HPLED Mobile, power pack fixed to mobile stand, multi-region plug adapter with AU plug

Accessories

11340	Multi-region plug adapter with EU plug	11340.001	Multi-region plug adapter with UK plug
11340.002	Multi-region plug adapter with US plug	11340.003	Multi-region plug adapter with AU plug
11353	Wall support	11354	Universal clamp
11343	Mobile stand (base with 5 casters and pole) with adapter	11344	Adapter (between stand and lamp arm)

BRIGHT LIGHT FOR EFFICIENT DIAGNOSIS

It is essential that examination headlamps provide optimal illumination while fitting properly and remaining comfortable for practitioners.

The high level of wearing comfort ensures non-fatiguing operation, even during extended use. Innovative light configuration guarantees optimal viewing conditions. Riester examination headlamps are developed and manufactured in Germany.



ri-focus® LED

Wireless high-performance LED headlight

- Wireless and balanced headband with built-in ON/OFF switch battery compartment
 - Lifetime of the LED (140 lumens) up to 50,000 hours
 - Significantly less energy consumption and heat generation
- › Built-in battery compartment with integral charging jack
 - › Optional battery configurations:
 - 2 x CR123A lithium batteries (non-rechargeable)
 - 4 x AAA alkaline batteries (non-rechargeable)
 - 4 x AAA NiMH rechargeable batteries
 - › Battery operation times:
 - Approx. 4 hours with CR123A lithium batteries
 - Approx. 90 minutes with AAA alkaline batteries
 - Approx. 90 minutes with fully charged AAA NiMH rechargeable batteries
 - › Comfortable headband with removable, washable inner padding for easy cleaning
 - › Infinitely adjustable headband for a secure and personalised fit
 - › Focusable LED lamp with adjustable beam diameter from approx. Ø 40 mm (1.57 in) to Ø 200 mm (7.87 in) at a working distance of 400 mm (15.75 in), continuously adjustable
 - › LED specifications: 5700 K, CRI 93
 - › Weight:
 - Without batteries: 240 g (0.53 lb)
 - With CR123A lithium batteries: 268 g (0.59 lb)
 - With AAA NiMH rechargeable batteries: 289 g (0.64 lb)



Technical data

Distance	400 mm (15.75 in)	200 mm (7.87 in)
Lux max	10,000 lux	23,000 lux
Circle of light max. Ø	200 mm (7.87 in)	120 mm (4.73 in)
Circle of light min. Ø	40 mm (1.57 in)	30 mm (1.18 in)

ORDERING INFORMATION

6090	ri-focus® LED with CR123A lithium non-rechargeable batteries (2 pcs.)
6091	ri-focus® LED with AAA NiMH rechargeable batteries (4 pcs.) and plug in charger 230 V
6092	ri-focus® LED with AAA NiMH rechargeable batteries (4 pcs.) and plug in charger 120 V

clar N

Wireless high-performance LED headmirror

- Wireless and balanced headband with built-in ON/OFF switch battery compartment
 - Lifetime of the LED (140 lumens) up to 50,000 hours
 - Significantly less energy consumption and heat generation
- ▶ Built-in battery compartment with integral charging jack
 - ▶ Optional battery configurations:
 - 2 x CR123A lithium batteries (non-rechargeable)
 - 4 x AAA alkaline batteries (non-rechargeable)
 - 4 x AAA NiMH rechargeable batteries
 - ▶ Battery operation times:
 - Approx. 4 hours with CR123A lithium batteries
 - Approx. 90 minutes with AAA alkaline batteries
 - Approx. 90 minutes with fully charged AAA NiMH rechargeable batteries
 - ▶ Comfortable headband with removable, washable inner padding for easy cleaning
 - ▶ LED specifications: 1 Watt, 4000 - 4200 K, CRI 95
 - ▶ Mirror diameter: 55 mm (2.16 in)
 - ▶ Weight:
 - Without batteries: 194 g (0.43 lb)
 - With CR123A lithium batteries: 225 g (0.50 lb)
 - With AAA NiMH rechargeable batteries: 246 g (0.54 lb)



Technical data

Distance	400 mm (15.75 in)	200 mm (7.87 in)
Lux max	11,600 lux	30,000 lux

ORDERING INFORMATION

6072	clar N LED with CR123A lithium non-rechargeable batteries (2 pcs.)
6073	clar N LED with AAA NiMH rechargeable batteries (4 pcs.) and plug in charger 230 V
6075	clar N LED with AAA NiMH rechargeable batteries (4 pcs.) and plug in charger 120 V

Accessories

11281	Head mirror only, Ø 55 mm for clar N	11295	Head band, black with battery compartment for clar N
11288*	AAA NiMH rechargeable batteries (4 pcs.)	11287*	CR123A lithium non-rechargeable batteries (2 pcs.)
11284*	Plug in charger 230 V	11286*	Plug in charger 120 V

*The items are compatible with **ri-focus®** and **clar N**

Please visit riester.de for more information