



# LED-Lighting

High performance LED

The Riester Medical Lightings  
are High-performance LED  
examination light for diagnostics  
and procedures.



## HIGH PERFORMANCE LED EXAMINATION LIGHT FOR DIAGNOSIS AND PROCEDURES

- › LED, 5700 Kelvin, CRI 93, 4.6 W – significantly less heating and energy loss
- › Focusing device at the front of the light head
- › Flexible arm (gooseneck length 1,10 m (ca. 3.6 feet))\*
- › Rheostat handle for infinitely variable regulation of light intensity
- › Wide-range power cord for 230 V / 120 V
- › Available with a choice of plugs to suit the electrical outlets in your country upon request
- › Available as mobile, wall and examination table or desk design

\* The length of the gooseneck was calculated excluding any housing that contained electronics



**Desk Design**  
for examination couch and  
desk incl. universal clamp  
230 V / 120 V      **No. 6230**



**Wall Design**  
230 V / 120 V      **No. 6240**



**Mobile Design,**  
power pack fixed to mobile stand  
230 V / 120 V      **No. 6252**

- › Overall height 1.96 m (6.43 feet), gooseneck length 1,10 m (ca. 3.6 feet), mobile base height 0.71 m (2.3 feet), lamp head length 0.15 m (0.5 feet)
- › Sturdy mobile base made of glass fibre-reinforced polyamide (GF30) with a black-painted steel pole and 54 cm (21.2 in) diameter casters
- › Easy to move due to low friction castors (antistatic, two castors can be locked)
- › Power supply attached to the pole (**No. 6252**)

### OTHER ACCESSORIES

**Transformers AC adaptor**  
230 V / 120 V      **No. 11340**

**Mobile stand base 5 caster and tube with adapter**  
**No. 11343**

**Wall support**  
**No. 11353**

**Adapter part**  
between stand and lamp arm  
**No. 11344**

**Universal clamp**  
**No. 11354**

**Plug in charger 230 V**  
**No. 11284**

**Plug in charger 120 V**  
**No. 11286**



**Mobile Design**  
230 V / 120 V      **No. 6250**

### ri-magic® HPLED (High performance LED)

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	35,000	60,000	130,000	>200,000
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%

# 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 lumen) up to 50,000 hours
- Significantly less energy consumption and heat generation
- > Built-in battery compartment and integral charge jack, optionally fitted with
  - 2 CR123A lithium batteries (non-rechargeable),
  - 4 AAA alkaline batteries (non-rechargeable) or
  - 4 AAA NiMH rechargeable batteries
- > Battery operation
  - approx. 4 hrs. with CR123A lithium batteries (non-rechargeable)
  - approx. 90 min. with AAA alkaline batteries (non-rechargeable)
  - approx. 90 min. with fully charged AAA NiMH rechargeable batteries
- > Headband cleaning made easy by inner, removable and washable padding
- > Infinitely adjustable headband
- > Focusable LED lamp with an adjustable beam from approximately Ø 40 mm (1.57 in) to Ø 200 mm (7.87 in) at a distance of 400 mm (5.75 in), infinitely adjustable
- > LED, 5700 Kelvin, CRI 93
- > Weight
  - without batteries: 240 g (0.53 lb)
  - with CR123A lithium batteries (non-rechargeable): 268 g (0.59 lb)
  - with AAA NiMH rechargeable batteries: 289 g (0.64 lb)



### With 1 set of CR123A lithium batteries (non-rechargeable)

No. 6090

### With 1 set of AAA NiMH rechargeable batteries and plug-in charger

230 V  
120 V

No. 6091  
No. 6092

### Plug in chargers

230 V  
120 V

No. 11284  
No. 11286

### Batteries

CR123A lithium batteries (non-rechargeable) 2 pcs.  
AAA NiMH rechargeable batteries 4 pcs.

No. 11287  
No. 11288

### Foam-rubber band

120 mm (4.7 in) long

No. 11289

### Fabric points

Ø 35 mm (1.3 in)  
Ø 47 mm (1.8 in)

No. 11293  
No. 11294

### Battery compartment cover

for CR123A lithium batteries (non-rechargeable)  
for AAA NiMH rechargeable batteries

No. 12680  
No. 12681



Distance	400 mm (15.75 in)	200 mm (7.87 in)
Lux max	10,000	23,000
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)



## WIRELESS HIGH PERFORMANCE LED HEADMIRROR

- Wireless and balanced headband with built in On/Off switch battery compartment
  - Lifetime of the LED (140 lumen) up to 50,000 hours
  - Significantly less energy consumption and heat generation
- > Built-in battery compartment and integral charge jack, optionally fitted with optionally fitted with
    - 2 CR123A lithium batteries (non-rechargeable),
    - 4 AAA alkaline batteries (non-rechargeable) or
    - 4 AAA NiMH rechargeable batteries
  - > Battery operation
    - approx. 4 hrs. with CR123A lithium batteries (non-rechargeable)
    - approx. 90 min. with AAA alkaline batteries (non-rechargeable)
    - approx. 90 min. with fully charged AAA NiMH rechargeable batteries
  - > Headband cleaning made easy by inner, removable and washable padding
  - > LED, 1 Watt with 4000 - 4200 Kelvin, CRI 95 no or with 6 V vacuum lamp
  - > Weight
    - without batteries: 194 g (0.43 lb)
    - with CR123A lithium batteries (non-rechargeable): 225 g (0.5 lb)
    - with AAA NiMH rechargeable batteries: 246 g (0.54 lb)
  - > Diameter of mirror: 55 mm (2.16 in)



### With 1 set of CR123A lithium batteries (non-rechargeable)

6 V vacuum	No. 6070
LED	No. 6072

### Headband

#### Headlights only

6 V vacuum lamp	No. 11280
LED Lamp	No. 11281

### With 1 set of AAA NiMH rechargeable batteries and plug-in charger

6 V vacuum 230 V	No. 6071
6 V vacuum 120 V	No. 6074
LED 230 V	No. 6073
LED 120 V	No. 6075

### Foam-rubber band

120 mm (4.7 in) long	No. 11289
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### Fabric points

Ø 35 mm (1.3 in)	No. 11293
Ø 47 mm (1.8 in)	No. 11294

### Replacement lamps

6 V vacuum 6 pcs.	No. 11301
LED 1 item	No. 11302

### Battery compartment cover

for CR123A lithium batteries (non-rechargeable)	No. 12680
for AAA NiMH rechargeable batteries	No. 12681

### Batteries

CR123A lithium batteries (non-rechargeable) 2 pcs.	No. 11287
AAA NiMH rechargeable batteries 4 pcs.	No. 11288

### Plug in chargers

230 V	No. 11284
120 V	No. 11286

Distance	400 mm (15.75 in)	200 mm (7.87 in)
6 V vacuum	4000 lux	7300 lux
LED	11,600 lux	30,000 lux

Please visit **riester.de** for more information