



**LED-lighting**  
green efficiency

**ri-focus® LED**  
**WIRELESS HIGH PERFORMANCE LED HEADLIGHT**  
**POWERED BY LI-BATTERIES OR RECHARGEABLE BATTERIES**

**green efficiency**

- One hand operation
  - Wireless and balanced headband with built in battery compartment
  - More efficient diagnosis due to white high performance LED (140 lumen)
  - Service life of LED up to 50.000 hours
  - Significantly less energy consumption and heat generation
- Headband version, with built-in battery compartment and integral charge jack, can be optionally fitted with 2 lithium batteries size CR 123 A, 4 batteries size AAA (alkaline) or 4 rechargeable batteries size AAA (NiMH).
  - Headband cleaning made easy by inner, removable and washable padding.
  - Particularly comfortable with balanced, infinitely adjustable headband.
  - On/off switch on battery compartment.
  - Charge jack for plug-in charger integrated in battery compartment.
  - Focusable LED lamp at a distance of 40 cm /15.75 inch approx. Ø 40 mm /1.57 inch - Ø 200 mm / 7.87 inch, infinitely adjustable.
  - White LED with 6.500 Kelvin.
  - Battery operation: approx. 4 hrs. with lithium batteries, approx. 90 min. with alkaline batteries Type AAA.
  - Rechargeable battery operation: approx. 90 min. with fully charged battery.
  - Weight: 210 g / 0.46 lb without batteries, 242 g / 0.54 lb with CR 123 A lithium batteries, 259 g / 0.57 lb with rechargeable AAA batteries.



|                               |                            |                           |
|-------------------------------|----------------------------|---------------------------|
| <b>Distance</b>               | <b>400 mm / 15.75 inch</b> | <b>200 mm / 7.87 inch</b> |
| Lux max                       | 10.000                     | 23.000                    |
| <b>Circle of light max. Ø</b> | <b>200 mm / 7.87 inch</b>  | <b>120 mm / 4.73 inch</b> |
| Circle of light min. Ø        | 40 mm / 1.57 inch          | 30 mm / 1.18 inch         |

## ri-focus® LED

With 1 set of CR 123 A lithium batteries  
Art. No.: 6090

With 1 set of NiMH rechargeable AAA batteries and plug-in charger  
230 V Art. No.: 6091  
120 V Art. No.: 6092

Plug in chargers  
230 V Art. No.: 11284  
120 V Art. No.: 11286

Batteries:  
Lithium CR 123 A  
2 pcs Art. No.: 11287  
AAA NiMH  
rechargeable batteries  
4 pcs Art. No.: 11288

Foam-rubber band  
120 mm long Art. No.: 11289

Fabric points  
Ø 35 mm Art. No.: 11293  
Ø 47 mm Art. No.: 11294

Battery compartment cover  
For lithium CR 123 A  
Art. No.: 12680  
For AAA NiMH  
rechargeable batteries  
Art. No.: 12681

ri-focus® LED

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## WIRELESS HIGH PERFORMANCE LED HEADMIRROR POWERED BY LI-BATTERIES OR RECHARGEABLE BATTERIES

### green efficiency

- One hand operation
  - Wireless and balanced headband with built in battery compartment
  - More efficient diagnosis due to white high performance LED (140 lumen)
  - Service life of LED up to 50.000 hours
  - Significantly less energy consumption and heat generation
- Headband version, with built-in battery compartment and integral charge jack, can be optionally fitted with 2 lithium batteries size CR 123 A, 4 batteries size AAA (alkaline) or 4 rechargeable batteries size AAA (NiMH).
  - Headband cleaning made easy by inner, removable and washable padding.
  - Particularly comfortable with balanced, infinitely adjustable headband.
  - Mirror Ø 55 mm infinitely adjustable and fixable.
  - On/off switch on the battery compartment.
  - White LED, 1 Watt with 4.000 Kelvin, CRI = 92, 6V, or with 6V vacuum lamp.
  - Adjustable lamp holder on the mirror to focus the circle of light.
  - Battery operation approx. 4 hrs. with lithium batteries, approx. 90 min. with alkaline batteries Type AAA, approx. 90 min. with rechargeable battery
  - Weight with mirror 55 mm: 209g / 0.46 lb without batteries, 242 g / 0.54 lb with CR 123 A lithium batteries, 258 g / 0.57 lb with rechargeable AAA batteries.



|                 |                            |                           |
|-----------------|----------------------------|---------------------------|
| <b>Distance</b> | <b>400 mm / 15.75 inch</b> | <b>200 mm / 7.87 inch</b> |
| 6 V vacuum      | 4.000 Lux                  | 7.300 Lux                 |
| <b>LED</b>      | <b>11.600 Lux</b>          | <b>30.000 Lux</b>         |

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With 1 set of CR 123 A lithium batteries

6 V Vacuum Art. No.: 6070

LED Art. No.: 6072

With NiMH rechargeable AAA batteries and plug-in charger

6 V Vacuum 230 V Art. No.: 6071

6 V Vacuum 120 V Art. No.: 6074

LED 230 V Art. No.: 6073

LED 120 V Art. No.: 6075

Replacement lamps

6 V vacuum 6 off Art. No.: 11301

LED 1 item Art. No.: 11302

Plug in chargers

230 V Art. No.: 11284

120 V Art. No.: 11286

Batteries

Lithium CR 123 A

2 pcs Art. No.: 11287

AAA NiMH

rechargeable batteries

4 pcs Art. No.: 11288

Headband

Art. No.: 11295

Headlights only

6 V vacuum lamp Art. No.: 11280

LED lamp Art. No.: 11281

Foam-rubber band

120 mm long Art. No.: 11289

Fabric points

Ø 35 mm Art. No.: 11293

Ø 47 mm Art. No.: 11294

Battery compartment cover

For lithium CR 123 A

Art. No.: 12680

For AAA NiMH

rechargeable batteries

Art. No.: 12681



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**ri-magic® HPLED**  
**HIGH PERFORMANCE LED EXAMINATION LIGHT FOR DIAGNOSIS**  
**AND PROCEDURES.**

**green efficiency**

- High performance LED, 6.500 Kelvin.
- Lifetime of the lamp up to 50.000 hours.
- Significantly less heating and energy loss.
- Focusing device at the front of the light head.
- Highly flexible, long special arm can be bent in all directions.
- Rheostat handle for infinitely variable regulation of light intensity.
- Wide-range power cord for 230V/120V.
- 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.



- Sturdy mobile base made of fibreglass and chrome plated pole.
- Diameter 54 cm.
- Easy to move due to low friction castors (antistatic, two castors can be locked).
- Power supply attached to the pole (Art. No. 6252).



**ri-magic® HPLED**

| <b>Distance</b>               | <b>1.000 mm / 39.37 inch</b> | <b>800 mm / 31.50 inch</b> | <b>600 mm / 23.62 inch</b> | <b>400 mm / 15.75 inch</b> | <b>200 mm / 7.87 inch</b> |
|-------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|---------------------------|
| Lux max                       | 20.000                       | 32.000                     | 55.000                     | 100.000                    | 170.000                   |
| <b>Circle of light max. Ø</b> | <b>500 mm / 19.69 inch</b>   | <b>400 mm / 15.75 inch</b> | <b>320 mm / 12.60 inch</b> | <b>230 mm / 9.05 inch</b>  | <b>130 mm / 5.12 inch</b> |
| Circle of light min. Ø        | 80 mm / 3.15 inch            | 60 mm / 2.36 inch          | 50 mm / 1.97 inch          | 35 mm / 1.38 inch          | 20 mm / 0.79 inch         |



## ri-magic® HPLED

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



Wall design  
230 V/120 V Art. No.: 6240

Floor design  
230 V/120 V Art. No.: 6250

Floor design, power supply attached to the pole  
230 V/120 V Art. No.: 6252

Transformers  
230 V/120 V Art. No.: 11340

Other accessories  
Stand with adapter incl. base with 5 casters and tube  
Art. No.: 11343  
Adapter part between stand and lamp arm  
Art. No.: 11344  
Wall fixture  
Art. No.: 11345  
Universal clamp  
Art. No.: 11346



## ri-magic® HPLED

## ziegler HEAD MIRROR

- Available with mirror diameter 90 mm / 3.54 inch.
- Sturdy, easy to assemble ball-and-socket joint to turn the mirror in different directions.
- Simple adjustment to the size of the head using the metal buckle on the side of the headband.

## ziegler

Ø 90 mm Art. No.: 6005

Headbands  
Art. No.: 11305

Headlights only with joint  
Ø 90 mm Art. No.: 11312

