

250/253

LED Exam Lights



Ritter[®]
by MIDMARK

250 & 253 LED Exam Lights

LED lighting technology has many benefits as compared to other forms of lighting. LED units last significantly longer—lasting nearly 10 times longer than halogen and over 20 times longer than incandescent. And Ritter LED exam lights are designed to consume 45-60% less energy than other lights, providing a considerable reduction in operating cost over the life of the LED.

Ritter 250 Exam Light

The Ritter 250 LED Exam Light takes our proven exam room lighting and makes it even better by incorporating LED technology for longer life and reduced energy consumption.



Add mobility to the 250 exam light with the optional base accessory.

Ritter 250 LED Exam Light



Mobile Ritter 253 LED Exam Light with caster base

Ritter 253 Exam Light

Designed to be easy to use, easy to clean, durable and aesthetically pleasing, the Ritter 253 exam light is the simple lighting solution. Because the controls are located on the light head within easy reach, you'll never have to reach around the patient to adjust the lighting, making this the perfect light for lengthy procedures. And, with table mount and mobile options available, the 253 is a flexible, space-saving addition perfect for any exam room.



Spline mount



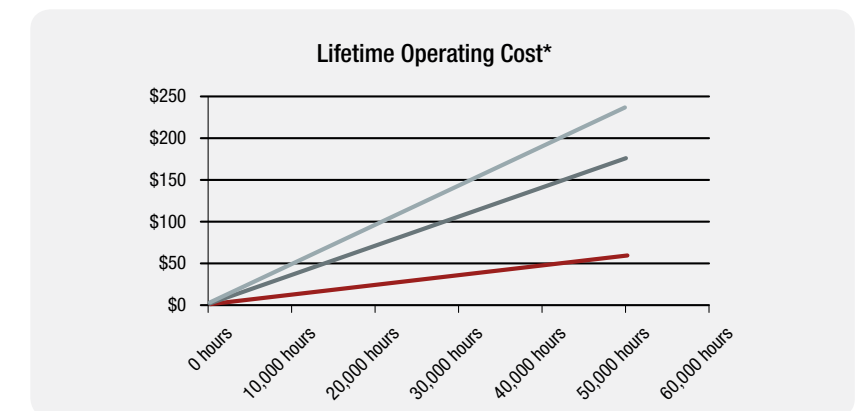
Rail mount



Wall mount bracket



Hand controls



Test Light #1 (halogen fiber-optic) Test Light #2 (LED) Ritter 253 (LED)

*Energy consumption costs are calculated at \$0.1053 kW-hr and used 8 hours per day.

Ritter 250 & 253 LED Exam Lights

S P E C I F I C A T I O N S

Ritter 253 LED Exam Light Specifications

Light Source

Single LED
Intensity at typical working distance of 16" (40.64 cm): 1,700 foot-candles (18,298 lux) nominal
Color temperature: 4,500 K
Life:* greater than 50,000 hours
*LED manufacturer supplied data

Electrical

110-240 VAC, 50/60 Hz, 0.05-0.1 AMP
UL60601-1, CAN/CSA C22.2 No. 601.1-M90, EN60601-1
Power Cord: 8 ft. (2.5 m) Hospital Grade Plug

Mechanical

Light Head
Size: 2" (5.08 cm) dia x 5.32" (13.51 cm) long

Flex Arm

Length: 54.5" (138.43 cm)
Diameter: 0.75" (1.90 cm)
Neck Material: Carbon steel/aluminum/brass
Neck Covering: Polyolefin (Polyethylene)

Control Box

Height: 4.75" (12.06 cm)
Width: 6.75" (17.15 cm)
Depth: 2.62" (6.65 cm)

Color: Pebble Grey

Weight

Light head/flex arm/control box unit 3 lb (1.4 kg)
Light head/flex arm/control box/caster base 12.2 lb (5.5 kg)

253 LED Exam Light

- 253-001 LED Exam Light - light only - excludes mounting hardware
- 253-002 LED Exam Light - exam table kit - models 204/22X*/604/62X*
- 253-003 LED Exam Light - exam table kit - model 625 for 32" upholstery
- 253-005 LED Exam Light - procedure chair kit - models 230/630/641/646/647
- 253-006 LED Exam Light - mobile caster stand kit - includes light & caster stand
- 253-007 LED Exam Light - wall mount kit - includes light, wall mounting bracket and hardware, field installed

Ritter 253 Accessories

- 9A454001 LED exam table mounting hardware (only) - models 204/22X*/604/62X*
- 9A455001 LED exam table mounting hardware (only) - model 625 with 32" upholstery
- 9A457001 LED procedure chair mounting hardware (only) - models 230/630/641/646/647
- 9A458001 LED light mobile caster stand (only)
Caster base diameter 19" (48.26 cm)
Casters (5) 2" (5.08 cm) dia
Base tube 29" (73.66 cm) from floor
- 9A474001 LED wall mount bracket
- 9A459001 Disposable Sheath; 5 boxes of 25 per carton



** Mounts to tables with a 2006 or newer manufacture date



Ritter 250 LED Exam Light Specifications

Light Source

Three 12V LED / Type MR16 (with glass cover)
Illumination @ 18" (45.7 cm): 1,800 fc (19,375 lux)
Color Temperature: 4,000 K
Life: 25,000 hours

Electrical

115 VAC, 50/60 Hz, 0.12 AMP
Power Cord: 8 ft. (2.5 m), Hospital Grade Plug

UL60601-1 (2nd Edition)
CAN / CSA C22.2 No. 601.1 M90

Mechanical

Light Head
Size: 4.5" (11.4 cm) dia. x 4" (10.2 cm) long

Flex Arm

Length: 22" (55.8 cm)
Diameter: 0.585" (1.5 cm)
Neck Material: High carbon steel
Neck Covering: Heavy duty vinyl

Base Tube

Length: 36" (91.4 cm) long
Outer tube diameter: 1.0" (2.5 cm)
Tube material: Painted Pebble Grey steel tube

Standard Base Housing

Diameter: 13" (33 cm)
Height: 2.25" (5.7 cm)
Weight: 12 lb (5.4 kg)

Color

Pebble Grey with Shadow Grey Accent

Ritter 250 Accessory

- 9A274001 Mobile caster stand (only)

The Ritter 223 exam table offers powered barrier-free access, a heated exam assistant drawer, stirrups, pelvic tilt and an adjustable arm system. Combine that with the easy-to-clean Ritter 253 light (including easy access controls, high intensity light and focal adjustment) and you have the perfect solution for lower body examinations.

Midmark is an ISO 13485 and ISO 9001 Certified Company.

For more information or a demonstration, contact your Midmark dealer or Midmark Corporation, Versailles, Ohio.
Call: 1-800-MIDMARK
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Litho in U.S.A. 007-0868-00 Rev. G1 (12/15)