

355

Minor Surgery Light

and Other Lighting



**Ritter**<sup>®</sup>  
by MIDMARK

**Quality.**  
**Versatility.**  
**Durability.**

Whether you practice in an office environment or special procedures area...in a hospital emergency room or minor surgery area, your crucial work requires quality lighting – the kind of quality lighting you get from Midmark.

Each system in our complete line of Ritter lighting allows you to put illumination right where you need it! Our lights are versatile and provide superior lighting for better tissue recognition. They're durable...easy to clean and care for...and, of course, they coordinate with our Ritter exam room products to give your suite a look that's completely coordinated.



# 355 & Other



**Ritter 355 Single Minor Surgery Light**



**Ritter 355 Mobile Minor Surgery Light**

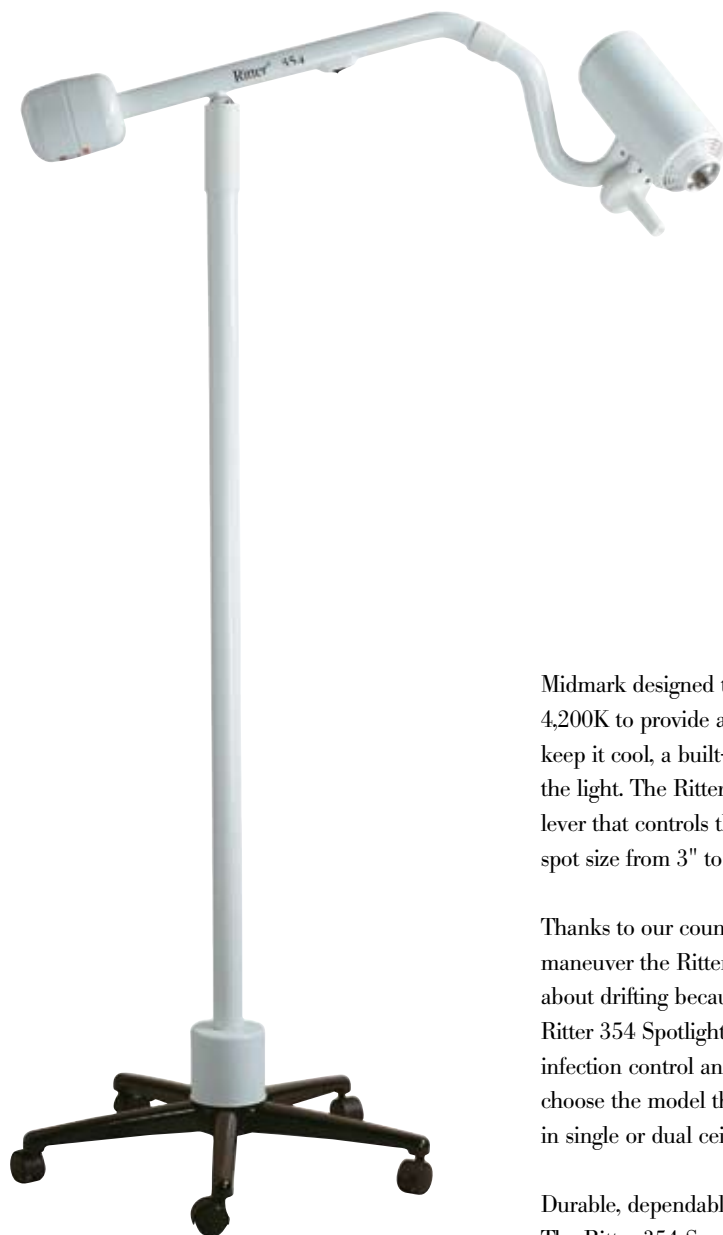


**Ritter 355 Dual Minor Surgery Light**

If you thought the Ritter 355 was good before...you'll be happy to know it's now even better - we've redesigned it to provide a truer color temperature with less heat! That means the 355 now gives you an even better balance between quality and affordability. And, speaking of balance, it's counterbalanced to give you precise positioning without drifting. Less than 2 1/2 pounds of force allow you to easily maneuver the light to the position you desire. Available in five-caster base and single or dual ceiling mount versions, the 355 appears as an operating room light...but, has the economical price of an exam room light. Other features include a large pattern size with an even distribution of light throughout, unsurpassed shadow control and superior foot-candle illumination.

The Ritter 355 Minor Surgery Light dual and single ceiling mount versions can accommodate ceilings ranging from eight to ten feet in height. For ceiling heights under eight and over ten feet, the 355 Mobile Surgery Light is recommended.

# Lighting



**Ritter 354 Mobile Minor Surgery Light**



**Ritter 354 Single Minor Surgery Light**

Midmark designed the Ritter 354 Spotlight with a color temperature of 4,200K to provide a whiter light and a true representation of tissue color. To keep it cool, a built-in fan on the back of the lighthead pulls airflow through the light. The Ritter 354 Spotlight also includes an easy to adjust dimmer lever that controls the amount of light and another lever which adjusts the spot size from 3" to 10".

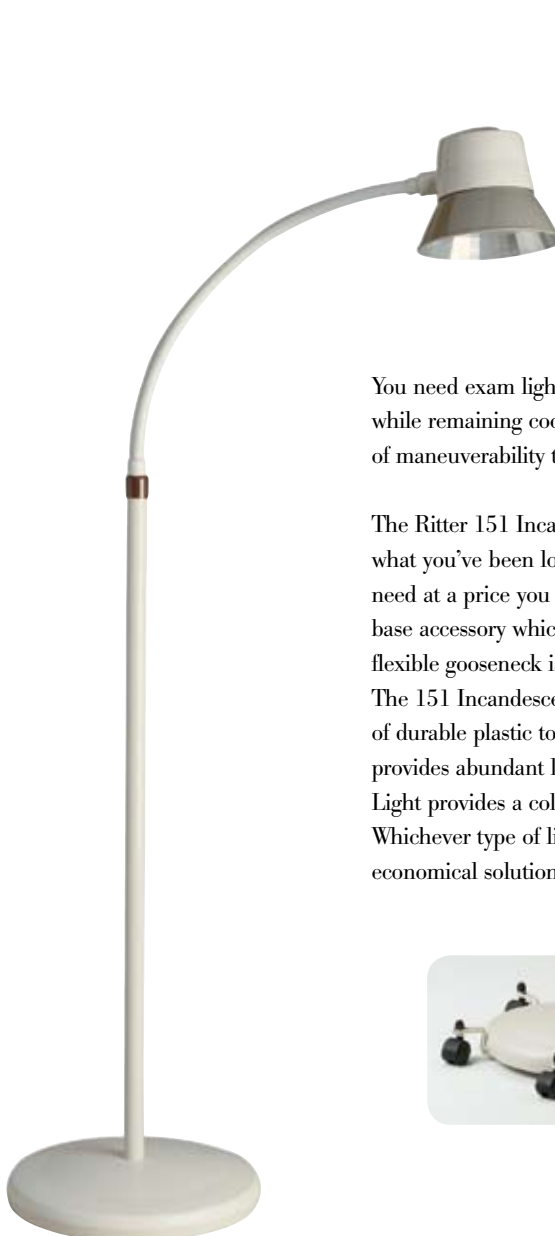
Thanks to our counterbalanced light system, it takes just one hand to maneuver the Ritter 354 Spotlight. That means you never have to worry about drifting because you have precise positioning...every time. And, the Ritter 354 Spotlight comes with a fully autoclavable handle to help maintain infection control and give you, your staff and patients peace of mind. You choose the model that works best for your needs...the Ritter 354 is available in single or dual ceiling mounted versions or as a mobile light.

Durable, dependable, easy to clean and care for...and, it looks nice too! The Ritter 354 Spotlight has smooth, rounded, soft lines that coordinate with our full line of quality Ritter products to help make your exam room more appealing.



**Ritter 354/355 Combination  
Minor Surgery Light**

For those of you who perform multiple procedures, the Ritter 354 Spotlight and 355 Minor Surgery Light have been designed to work together...giving you a perfect lighting combination for your office.

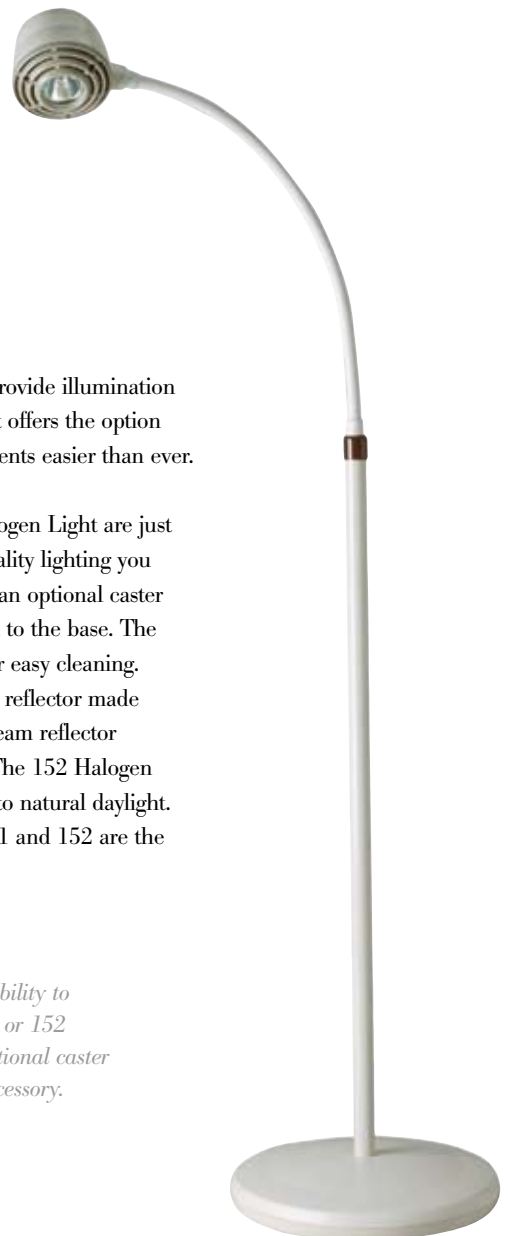


You need exam lighting you can depend on to provide illumination while remaining cool to the touch...lighting that offers the option of maneuverability to make examining your patients easier than ever.

The Ritter 151 Incandescent Light and 152 Halogen Light are just what you've been looking for to give you the quality lighting you need at a price you can afford. Both lights offer an optional caster base accessory which is sturdy, yet easy to attach to the base. The flexible gooseneck is covered in durable vinyl for easy cleaning. The 151 Incandescent Light has a multi-faceted reflector made of durable plastic to prevent burning. Its wide beam reflector provides abundant light for a variety of exams. The 152 Halogen Light provides a color temperature that's closer to natural daylight. Whichever type of light you prefer, the Ritter 151 and 152 are the economical solutions to all your lighting needs.



*Add mobility to the 151 or 152 with optional caster base accessory.*



**Ritter 151 Incandescent Light**

**Ritter 152 Halogen Light**

## Lighting

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

### Light Specifications

Illumination at 24" (60.9 cm)  
focal length: 6,200 fc (66,700 lux)

Illumination at 36" (91.4 cm)  
focal length: 4,000 fc (43,000 lux)

Pattern diameter: 8" (20.3 cm)

Depth of field: 35" (88.9 cm)

Color temperature: 4,200K

Diameter of lighthouse: 17" (43.2 cm)

Bulb: One 100-watt halogen lamp

### Electrical

120 VAC, 60 Hz, 1.5 AMPS  
220/230/240 VAC, 50/60 Hz,  
0.7AMPS

Classified by Underwriters  
Laboratories Inc. with respect to  
electric shock, fire, and mechanical  
hazards only in accordance with  
UL 2601-1 and CAN/CSA C22.2,  
No. 601.1.

### Models

355-028 Single mount,  
9' (2.7 m) ceiling

355-034 Dual mount,  
9' (2.7 m) ceiling

355-025 Single mount,  
8' (2.4 m) ceiling

355-031 Dual mount,  
8' (2.4 m) ceiling

355-022 Mobile Minor Surgery Light

355-024 CE Marked Mobile  
Minor Surgery Light

355-027 CE Marked single  
mount, 8' (2.4 m) ceiling

355-030 CE Marked single  
mount, 9' (2.7 m) ceiling

355-033 CE Marked dual mount,  
8' (2.4 m) ceiling

355-036 CE Marked dual mount,  
9' (2.7 m) ceiling

### Ritter 354 Minor Surgery

#### Spotlight Specifications

Illumination at 24" (60.9 cm)  
focal length: 10,000 fc (107,600 lux)

Illumination at 36" (91.4 cm)  
focal length: 4,000 fc (43,000 lux)

Maximum pattern diameter at  
36" (91.4 cm) focal length:  
10" (25.4 cm)

Minimum pattern diameter at  
36" (91.4 cm) focal length:  
3" (7.6 cm)

Color temperature: 4,200K

Diameter of lighthouse: 5" (12.7 cm)

Bulb: One 21 VAC, 150-watt  
halogen lamp

Lighthouse pivot: 180°

Vertical axis pivot: 570°

### Electrical

120 VAC, 60 Hz, 1.5 AMPS

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Laboratories Inc. with respect to  
electric shock, fire, and mechanical  
hazards only in accordance with  
UL 2601-1 and CAN/CSA C22.2,  
No. 601.1.

### Models

354-028 Single mount,  
9' (2.7 m) ceiling

354-034 Dual mount,  
9' (2.7 m) ceiling

354-025 Single mount,  
8' (2.4 m) ceiling

354-031 Dual mount,  
8' (2.4 m) ceiling

354-022 Mobile light

354-040 Combination 354/355,  
9' (2.7 m) ceiling

354-037 Combination 354/355,  
8' (2.4 m) ceiling

### Ritter 152 Exam Light

#### Specifications

##### Lamp head

Size: 4.5" (11.4 cm) diameter x  
4.0" (10.2 cm) length

Bulb: 35-watt, 2,000-hour life  
MR16 type quartz halogen bulb  
with glass cover, low voltage  
(12 VAC) filament

Illumination at 24" (60.9 cm)  
focal length: 1,500 fc

Color temperature: 3,000K

##### Flex arm

Dimensions:  
0.585" (1.5 cm) diameter  
22" (55.8 cm) length

Neck material: High carbon steel

Neck covering: Heavy duty vinyl

### Color

Pebble Grey with Shadow Grey  
accent

Base tube: 36" long (91.4 cm)

Tube material: Painted Pebble  
Grey steel tube

Outer tube size: 1.0" (2.5 cm)

##### Standard base

Construction: ABS plastic

Size: 13" (33 cm) diameter  
2.25" (5.7 cm) thick

Weight: 12 lbs. (5.4 kg)

### Electrical

120 VAC, 50/60 Hz, 0.22 AMPS

ETL Listed to UL 2601

ETL Certified to CAN/CSA  
C22.2#601.1

### Accessory

9A274001 Caster base

### Models

152-001 Halogen Lamp

### Ritter 355 Minor Surgery

### Ritter 151 Exam Light

#### Specifications

##### Lamp head

Bulb: 25-watt standard incandescent

Housing construction:  
Polycarbonate

Socket: Candelabra Base

Switch: Heavy-duty on/off

##### Shade dimensions:

6.6" (16.8 cm) diameter

5.25" (13.3 cm) length

##### Flex arm

Dimensions:  
0.585" (1.5 cm) diameter  
22" (55.8 cm) length

Neck material: High carbon steel

Neck covering: Heavy duty vinyl

### Color

Pebble Grey with  
Shadow Grey accent

Base tube: 36" long (91.4 cm)

Tube material: Painted Pebble Grey  
steel tube

Outer tube size: 1.0" (2.5 cm)

##### Standard base

Construction: ABS plastic

Size: 13" (33 cm) diameter  
2.25" (5.7 cm) thick

Weight: 12 lbs. (5.4 kg)

### Electrical

120 VAC, 50/60 Hz, 0.22 AMPS

ETL Listed to UL 2601

ETL Certified to CAN/CSA  
C22.2#601.1

### Accessory

9A274001 Caster base

### Models

151-001 Incandescent Lamp

The following systems are recommended based on the following ceiling heights  
(measured from the bottom of the ceiling surface to the floor):

Less than 8' (2.4 m)	Mobile Light
8' (2.4 m) to 9' (2.7 m)	8' (2.4 m) Single or Dual Light
9' (2.7 m) to 10' (3 m)	9' (2.7 m) Single or Dual Light
Greater than 10' (3 m)	Mobile Light

To convert an existing single light system to a dual system, the following kit  
must be ordered in addition to a second 8' (2.4 m) or 9' (2.7 m) system.

9A280001 Conversion kit w/cover

### Midmark is an ISO 13485 and ISO 9001 Certified Company.

For more information  
or a demonstration, contact  
your Ritter dealer or  
Midmark Corporation,  
Versailles, Ohio 45380.  
Call: 1-800-MIDMARK  
Fax: 1-800-365-8631  
midmark.com

**Ritter**<sup>®</sup>  
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