



## Versatility | Value | V Series

Vision Excel Surgery Lights • Vortex Spotlight • Vision Surgery Lights • Vista Exam Light  
(clockwise from top left)



Available in dual combination mounts  
with two lights from the DRE V Series



Equipment for the way *you* operate

## DRE V Series

Surgery/Exam Lights

# Get precise, color-corrected light with the versatile, affordable DRE V Series Surgery/Exam Lights

Choose from the compact, economic Vista exam light, the fully-featured Vortex spotlight, and the high performance, shadow reducing Vision and Vision Excel operating room lights. All are available in a variety of mounts without the sticker shock found on similar first-class surgery and exam lights.

See below for information about each DRE V Series light. Each light is available with:

- IR absorbing, color-correcting glass filter
- 28" (711 mm) articulating arm with integral compression spring
- 23" (584 mm) extension arm
- Arm that rotates 40° up and down from horizontal plan
- Lamp head and arm that rotate 540°



### DRE Vista Exam/Diagnostic Light

The compact, economical Vista features a unique 5" dichroic glass reflector and produces a large pattern of light for a wide variety of applications.

- Large, flood pattern—approximately 6" (150 mm) in diameter
- 4,000 foot candles (43,000 lux) of homogenous light output with over 4,300° K color temperature at a 24" (610mm) distance
- Easy-to-replace, low cost, long life 12 volt/75 watt halogen bulb
- 5" (127 mm) glass dichroic reflector



### DRE Vortex Variable Spotlight

This versatile, full-featured Vortex spotlight is streamlined, has a unique design, and creates a tightly focused, high intensity light pattern.

- Continuously adjustable spot from 3" (76 mm) to 16" (406 mm) diameter, providing homogenous light with 2,000 foot candles (21,500 lux) at a 36" (914 mm) distance
- Color temperature of 3,500° K
- Easily replaceable 20 volt 150 watt halogen bulb with integral dichroic reflector
- Mechanical iris dimmer provides constant purity of light without affecting color temperature



### Choose from a variety of mounting options

All DRE V Series lights are available as a single or ceiling dual mount, wall mount and mobile mount. You can also choose a dual combination mount with two different lights from the V Series.



#### DRE Vision Surgery Light

The Vision gives you the performance and features found on higher-priced surgery lights. Its single reflector design provides optimal shadow reduction.

- Prefocused spot at a distance of 36" (914 mm) from lamp head providing homogenous light with 4,000 foot candles (43,000 lux) and color temperature of approximately 4,000° K
- Easily replaceable, low cost, long life 12 volt/90 watt halogen bulb
- 15" (380 mm) diameter elliptical reflector
- An additional positioning handle is mounted on the perimeter



#### DRE Vision Excel Surgery Light

The Vision Excel represents the new standard in minor surgery lighting. It features a larger reflector, higher output, a larger pattern and improved shadow control.

- Prefocused 6" (150 mm) spot, at a one meter distance
- 6,000 foot candles (64,500 lux) output at one meter
- 16" (406 mm) diameter, multi-faceted reflector for excellent shadow control
- 90 watt halogen bulb—quick bulb replacement
- Standard removable, sterilizable handle
- An additional positioning handle on perimeter of light head

## Technical Specifications

### DRE Vision Excel Surgery Light

Light Intensity at 1 MTR: 6,000 foot candles (64,500 lux)  
Color Temperature: 4000° K  
Light Source: 90 W Tungsten Halogen Bulb  
Rated Bulb Life: 2,000 hours  
Field Size at 1 MTR: 6" (152 mm) Diameter  
Reflector: 16" (406 mm) Diameter, Multi-Faceted  
Filter Type: I/R Filter Glass  
Sterilizable Handle: Standard  
Input Voltage Range: 110-125 Vac 50/60 Hz  
- 210-230 Vac 50/60 Hz  
Lamp Head Rotation: 540°  
Light Head Dimensions: 18" (457 mm) (d) X 10.6" (269 mm) (h)  
(Includes Sterilizable Handle)

#### Arm

- Wall and Ceiling Models: 57" (1,447 mm)
- Portable Floor Model: 38.5" (978 mm)
- Vertical Arm Movement:  $\pm 40^\circ$
- Portable Floor Model Height: 74.5" (1,892 mm)

#### Weights

- Wall Model: 25.8 pounds (11.7 kg)
- Portable Floor Model: 64.7 pounds (29.3 kg)
- Single Ceiling Mount: 37.8 pounds (17.1 kg)
- Dual Ceiling Mount: 62.2 pounds (28.2 kg)
- Emergency Battery Back-up (portable): 119 pounds (54 kg)

### DRE Vision Surgery Light

Light Intensity at 36" (914 mm): 4,000 foot candles  
Color Temperature: 4000° K  
Light Source: 90 W Tungsten Halogen Bulb  
Rated Bulb Life: 2000 hours  
Field Size at 36" (914 mm): 6" (152 mm) Diameter  
Reflector: 15" (381 mm) Alzak Aluminum  
Filter Type: I/R Filter Glass  
Sterilizable Handle: Standard  
Input Voltage Range: 110-125 Vac 50/60 Hz  
- 210-230 Vac 50/60 Hz  
Lamp Head Rotation: 540°  
Light Head Dimensions: 15.8" (401 mm) (d) X 10.0" (254 mm) (h)

#### Arm

- Wall and Ceiling Models: 57" (1,447 mm)
- Portable Floor Model: 38.5" (978 mm)
- Vertical Arm Movement:  $\pm 40^\circ$
- Portable Floor Model Height: 74.5" (1,892 mm)

#### Weights

- Wall Model: 24.6 pounds (11.2 kg)
- Portable Floor Model: 63.5 pounds (28.8 kg)
- Single Ceiling Mount: 36.6 pounds (16.6 kg)
- Dual Ceiling Mount: 59.8 pounds (27.1 kg)

### DRE Vortex Spotlight

Light Intensity at 36" (914 mm): 2,000 foot candles  
Color Temperature: 3500° K  
Light Source, Front Bulb: 150 W Tungsten Halogen Bulb  
Rated Bulb Life, Front Bulb: 500 hours  
Field Size at 36" (914 mm): 3" (72 mm) - 16" (406 mm)  
Diameter Adjustable  
Reflector: 2" (51 mm) Diameter Dichroic glass  
Filter Type: Hot Mirror/ I/R Filter Glass  
Sterilizable Handle: Standard  
Input Voltage Range: 110-125 Vac 50/60 Hz  
210-230 Vac 50/60 Hz  
Lamp Head Rotation: 540°  
Light Head Dimensions: 5" (127 mm) (d) X 13.06" (332 mm) (h)

#### Arm

- Wall and Ceiling Models: 57" (1,447 mm)
- Portable Floor Model: 38.5" (978 mm)
- Vertical Arm Movement:  $\pm 40^\circ$
- Portable Floor Model Height: 74.5" (1,892 mm)

#### Weights

- Wall Model: 23.1 pounds (10.5 kg)
- Portable Floor Model: 61.9 pounds (28.1 kg)
- Single Ceiling Mount: 35.1 pounds (15.9 kg)
- Dual Ceiling Mount: 55.2 pounds (25.0 kg)

### DRE Vista Exam Light

Light Intensity at 24" (609 mm): 4,000 foot candles (43,000 lux)  
Color Temperature: 4300° K  
Light Source: 75 W Tungsten Halogen Bulb  
Rated Bulb Life: 2000 hours  
Field Size at 24" (609 mm): Approx. 6" (150 mm) diameter  
Reflector: 5" (127 mm) Dichroic  
Filter Type: Hot Mirror/ I/R Filter Glass  
Sterilizable Handle: Optional  
Input Voltage Range: 110-125 Vac 50/60 Hz  
- 210-230 Vac 50/60 Hz  
Lamp Head Rotation: 540°  
Light Head Dimensions: 6.25" (159 mm) (d) X 6.5" (165 mm) (h)

#### Arm

- Length (Wall and Ceiling Models): 57" (1,447 mm)
- Length (Portable Floor Model): 38.5" (978 mm)
- Vertical Arm Movement:  $\pm 40^\circ$
- Portable Floor Model Height: 74.5" (1,892 mm)

#### Weights

- Wall Model: 19.6 pounds (8.9 kg)
- Portable Floor Model: 58.5 pounds (26.5 kg)
- Single Ceiling Mount: 31.6 pounds (14.3 kg)
- Dual Ceiling Mount: 49.8 pounds (22.6 kg)