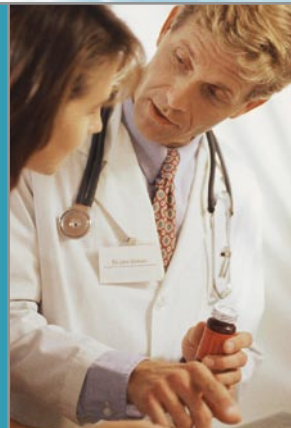


MedicaLight™



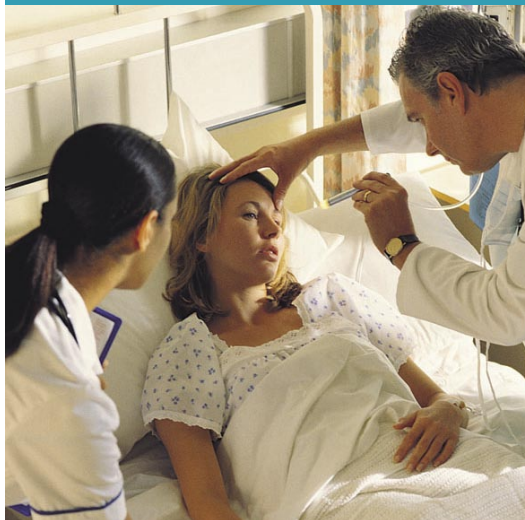
SURGICAL AND EXAMINATION LIGHTING





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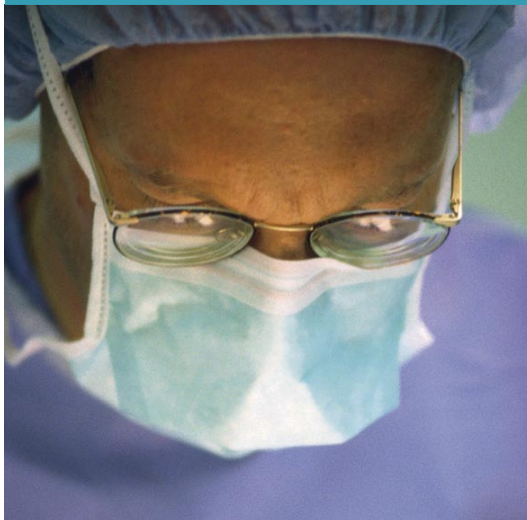
### About Sunnex

For over 30 years, Sunnex has manufactured lighting products that set the standard for quality and durability. The MedicaLight™ product range was developed with the user and patient in mind and offers excellent versatility and ease of use. Sunnex has created a comprehensive product line that meets the needs of even the most demanding medical environments.

The MedicaLight™ product range features solutions for surgical suites, doctors offices, and provides state of the art technology for specialty applications such as interventional MRI. Sunnex medical lighting offers flexible, modular arm systems and compact designs for easy installation and operation.

In addition, there may be instances where a light needs to be integrated into examination tables, chairs, head walls, trolleys, and equipment. Sunnex is the market leader in OEM services and has successfully developed custom solutions for both medical equipment manufacturers and end users.

All Sunnex lights are backed by an extensive 3 year warranty on performance and parts, and the Company offers a lifetime customer support guarantee.



## Surgical Lighting

Sunnex surgical lights can turn even the smallest area into a surgical suite. Providing intense filtered white light, our Celestial Star™ and Tri-Star™ lights are ideal for a number of areas including hospital exam areas, emergency rooms, trauma rooms, and critical care areas such the ICU and the NICU.

The Celestial Star offers ceiling, wall, and mobile configurations providing maximum reach and range of motion, while providing a wide consistent light pattern. Its unique, patented lamp head allows the light to stay in constant focus, and reduces the amount of heat output with its vented shade design. This light minimizes shadows, and incorporates a counter balance arm that provides drift-free performance.

The Tri-Star, a cousin of the powerful Celestial Star™, supplies intense illumination, specifically designed for minor surgical procedures and examinations. The Tri-Star mobile version glides easily on four caster wheels. In addition, the wall model offers a 30-inch double extension arm with a 55-inch reach to beam center.

**Celestial Star™** (Ceiling, Dual Ceiling, Wall, Mobile)

**TriStar™** (Wall, Mobile) >>>

## **Celestial Star™**

The Celestial Star™ is ideal for surgical applications and procedures where maneuverability and compact design are key requirements. These areas include emergency room, trauma rooms, and critical care areas. The light provides excellent illumination, and offers market leading reach and flexibility. In addition the Celestial Star™ minimizes shadows and incorporates a balance arm that provides drift free performance. Available in single & dual ceiling, wall, and mobile configurations.



## CELESTIAL STAR™ FEATURES

- >>> Unparalleled flexibility with extensive reach and range of motion
- >>> Virtually maintenance free
- >>> Drift free balance arm design
- >>> 114-inch reach from head to toe
- >>> Patented lamp shade reduces heat output
- >>> (3) 35W long life Halogen bulbs (average over 4,000 hours)
- >>> Removable, sterilizable handle
- >>> Available in single & dual ceiling, wall, and mobile configurations

## TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC

**Light intensity:** Up to 6,000 Footcandles/64,500 Lux

**Light source:** Halogen bulb – Dichroic 12V/3x35W/10°

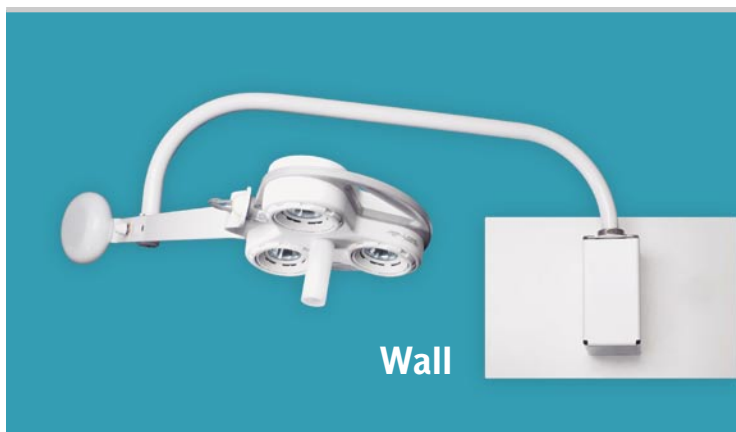
**Light color temperature:** Up to 4,100 Kelvin

**Medical standards:** FDA Class II

**Color:** White – RAL 9002

Configurations:	Ceiling	Dual Ceiling	Wall	Mobile
Weight:	52 lbs	104 lbs	38 lbs	54 lbs

<b>Ceiling</b>	Part No.: <b>CS2050C</b>
<b>Dual Ceiling</b>	Part No.: <b>CS2050D</b>
<b>Wall</b>	Part No.: <b>CS2050W</b>
<b>Mobile</b>	Part No.: <b>CS2050M</b>
<b>Extra Sterilizable Handle</b>	Part No.: <b>18544</b>
<b>Color Corrective filter</b>	Part No.: <b>18676</b>



Ceiling

Mobile

Wall



## TriStar™

Excellent performance and great value is what the TriStar™ has to offer. Ideal for medical procedures in environments where space is limited, and multiple procedures are performed. The unique telescoping pole offers height adjustment in the mobile configuration and is one of the only products in the market with this functionality. The wall model offers extensive reach with a unique extension arm design.

### TRISTAR™ FEATURES

- >>> Unique mobile stand, raises from 27 to 80 inches via one hand control for quick height adjustment
- >>> Casters move easily across all surfaces; base design prevents tipping
- >>> Wall model offers 30 inch extension arm, providing 55 inches of reach to beam center
- >>> (3) 20W long life Halogen bulbs (average over 4,000 hours)
- >>> Available in wall and mobile configurations

### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC

**Light intensity:** Up to 4,000 Footcandles/43,200 Lux

**Light source:** Halogen bulb – Dichroic 12V/3x20W/10°

**Light color temperature:** Up to 4,100 Kelvin

**Medical standards:** FDA Class II

**Color:** White – RAL 9002

Configurations:	Wall	Mobile
Weight:	8 lbs	25 lbs

Wall	Part No.: <b>TS2015W</b>
Mobile	Part No.: <b>TS2015M</b>
Extra Sterilizable Handle	Part No.: <b>18544</b>
Color Corrective Filter	Part No.: <b>18676</b>



Mobile



Wall





## Examination Lighting

MedicalLight™ Examination Lighting brings focused, white light with both flexibility and style to any examination environment. These lights are offered with either a gooseneck or articulated arm, and include wall, ceiling, and floor mount versions. These lights provide near daylight illumination to aid in illuminating natural skin tones and improving tissue clarity.

**SoloSpot™** (Wall, C-clamp, Mobile)

**PF** (Ceiling, Wall, Direct Mount, Mobile)

**HM** ( Wall, C-clamp, Table, Mobile, Mobile Light, Floor)

**RLM** (Wall, Rail, C-clamp, Mobile) >>>

## SoloSpot™

The SoloSpot is ideal for applications where a focused, spot light is required. The specially designed lamp head offers cool light and a focused, intense spot. This light is perfect for direct attachment to medical equipment such as patient tables and chairs. Ideal for OB-GYN, dental, and surgical applications.

### SOLOSPOT™ FEATURES

- »» Unique, double filtered lens and color correction filter with lampshade extension help keep light cool on skin and illuminate with natural skin tones to improve tissue clarity
- »» Excellent maneuverability allows for easy adjustment of light
- »» Intense 20W Halogen light source (average 2,000 hours)
- »» 3.5-inch diameter spot pattern @ 20-inches
- »» Available in wall, ceiling, c-clamp and mobile configurations

### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC

**Light intensity:** Up to 3,000 Footcandles/32,400 Lux

**Light source:** Halogen bulb – 12V/20W

**Light color temp:** 4,000 Kelvin

**Color:** White – RAL 9002

Configurations:	Wall	Ceiling	C-clamp	Mobile
Weight:	6 lbs	16 lbs	6 lbs	15 lbs

**Wall** Part No.: **HM2005-37EXT**

**C-clamp** Part No.: **HM2002-38EXT**

**Mobile** Part No.: **HM2006-38EXT**

**Ceiling** Part No.: **HM2017-44EXT**

**Mobile**



**C-Clamp**



**Wall**



## PF Series – Multipurpose Examination lights

This high intensity general exam light is flexible, durable and easy to use. Ideal for general purpose examinations.

### PF FEATURES

- ››› Swivel joint lamp head allows for easy vertical and horizontal adjustment of light
- ››› Adjustable arm levers allow for easy positioning
- ››› Choice of articulated arm or flexible gooseneck models
- ››› Available in ceiling, wall, direct mount, and mobile configurations

### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC

**Light intensity:** Up to 4,000 Footcandles/43,200 Lux

**Light source:** Halogen bulb – Dichroic 12V/50W/10°

**Light color temp:** Up to 4,000 Kelvin

**Color:** White – RAL 9002

Configurations:	Wall	Ceiling	Direct Mount	Mobile
<b>Weight:</b>	17 lbs	17 lbs	4.5 lbs	23 lbs

<b>Wall</b>	Part No.: <b>PF2015-44</b>
<b>Wall</b> (not shown)	Part No.: <b>PF2015-44PI</b>
<b>Ceiling</b>	Part No.: <b>PF2017-44</b>
<b>Direct Mount</b> (not shown)	Part No.: <b>PF28010</b>
<b>Mobile</b> , gooseneck arm	Part No.: <b>PF2006-32</b>



## HM Series – Multipurpose Examination lights

The HM Series of lights offers intense white light in a compact flexible design.

### HM FEATURES

- >>> Compact, vented shade minimizes heat output
- >>> Stay cool finger guard for easy adjustment of light
- >>> Swivel joint lamp head allows 359° axial rotation and 90° angular adjustment
- >>> Available in wall, c-clamp, and mobile configurations

### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC

**Light intensity:** Up to 3,000 Footcandles/32,400 Lux

**Light source:** Halogen bulb – 12V/20W

**Light color temp:** 3,000 Kelvin

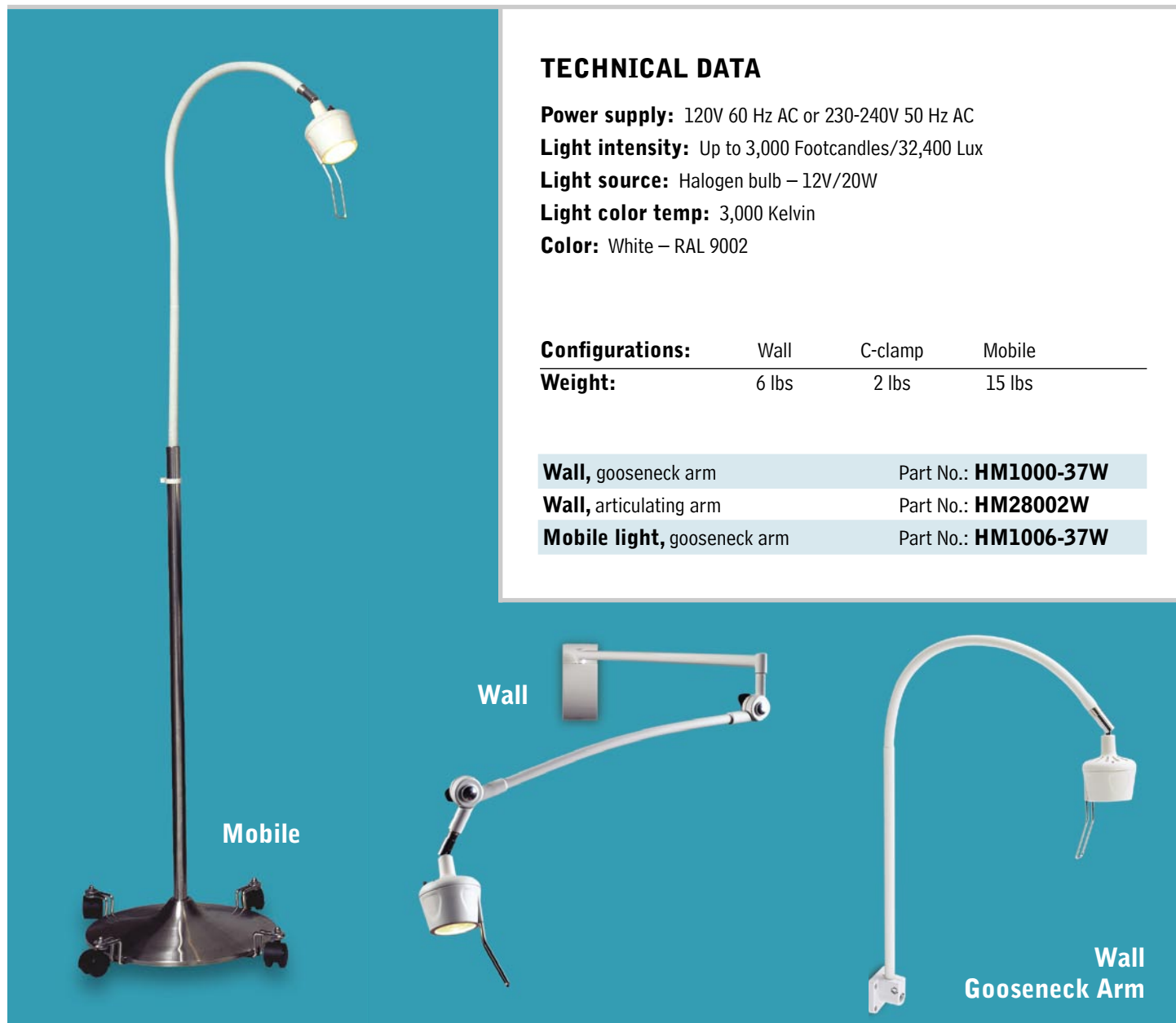
**Color:** White – RAL 9002

Configurations:	Wall	C-clamp	Mobile
Weight:	6 lbs	2 lbs	15 lbs

**Wall, gooseneck arm** Part No.: **HM1000-37W**

**Wall, articulating arm** Part No.: **HM28002W**

**Mobile light, gooseneck arm** Part No.: **HM1006-37W**



## RLM – Magnifiers for closer inspection

This magnifying light offers durability and performance in an economical package. Ideal for detailed inspection during exams and procedures.

### RLM FEATURES

- >>> 5 diopter (2.25X) magnification
- >>> 22W Fluorescent ring light tube
- >>> Optional 5 diopter add-on lens available
- >>> Available in C-clamp, or mobile version

### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC

**Light intensity:** 1,000 Footcandles/10,800 Lux

**Light source:** 22W Fluorescent tube

**Light color temp:** 4,000 Kelvin

**Colour:** White – RAL 9002

Configurations:	C-clamp	Mobile
Weight:	15 lbs	22 lbs

**C-clamp**

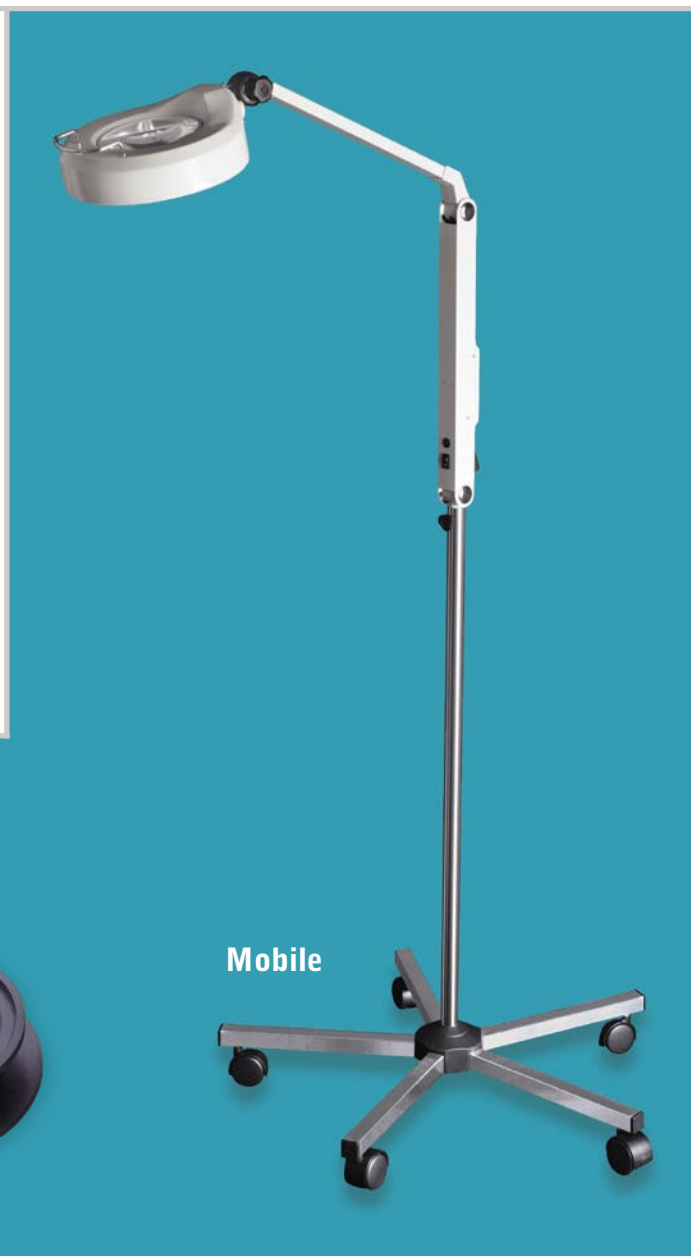
Part No.: **RLM-CL-120V**

**Mobile**

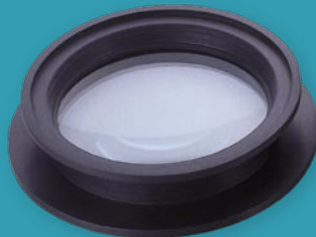
Part No.: **RLM-CLT-120V**

**Add-on lens, option**

Part No.: **RLM-5XMAG**



**C-Clamp**



**Add-on lens**

**Mobile**





## MRI Compatible Lighting

Our innovative MRI compatible surgical and procedure lighting brings the functionality of high intensity lighting systems into the MRI suite. Whether you are building a new, state of the art, interventional MRI suite or enhancing the lighting conditions in an existing MRI facility, Sunnex MRI lighting will meet your every need.

The Celestial Star™ surgery light is carefully designed for optimal performance while maintaining a safe working environment for physicians and patients inside the MRI suite. This light is ideal for interventional and MRI guided surgical procedures.

The PF series examination light offers convenient high intensity lighting, allowing the physician to safely perform minor medical procedures such as IVs or biopsies inside the MRI room.

**Celestial Star™ MRI** (Ceiling, Mobile)

**PF MRI** (Mobile) >>>

## Celestial Star™ MRI Surgical

The Celestial Star™ MRI brings the performance of a surgical light into the MRI suite. Excellent flexibility and reach combined with high performance and space saving design make the Celestial Star™ MRI ideal for these facilities. Unlimited positioning and market leading vertical and horizontal reach allow for optimal functionality around the bore. "No tool" service minimizes risk, and the compact design limits obstruction of the work area around the MRI equipment.

### CELESTIAL STAR™ MRI FEATURES

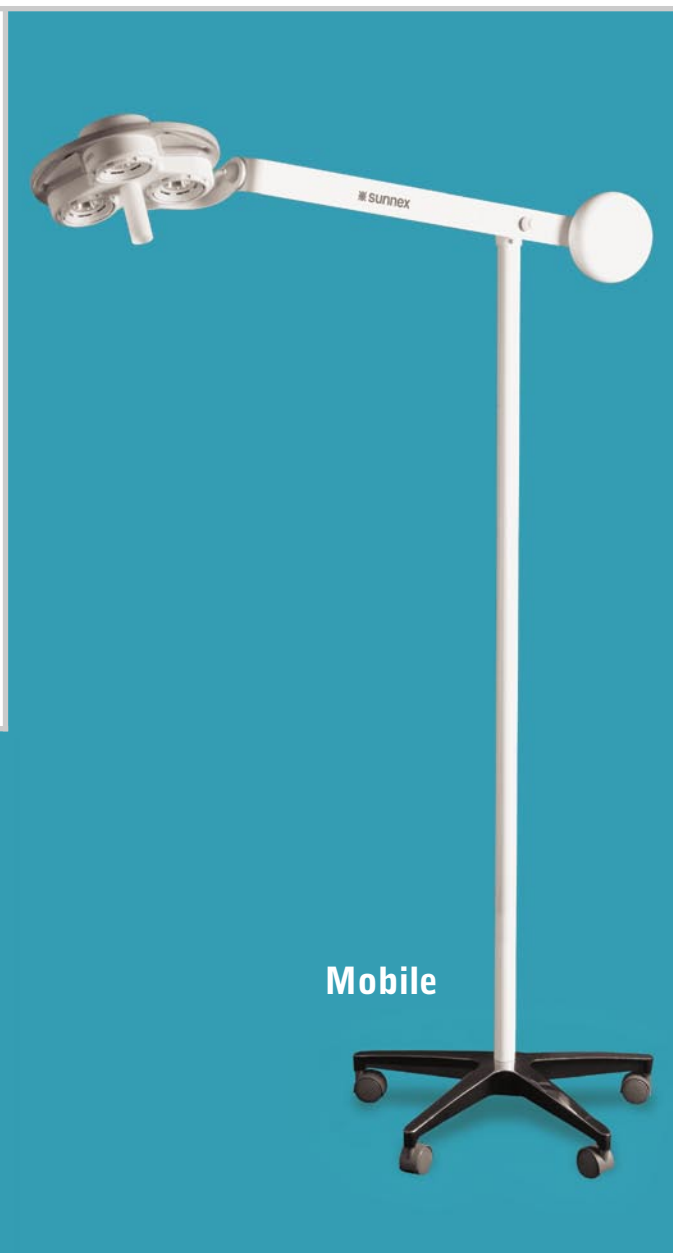
- >>> Tested for MRI compatibility
- >>> 114-inch reach provides head-to-toe coverage
- >>> Drift free balance arm design
- >>> (3) 35W long life halogen bulbs
- >>> Available in ceiling and mobile configurations

### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC  
**Light intensity:** Up to 6,000 Footcandles/64,500 Lux  
**Light source:** Halogen bulb – Dichroic 12V/3x35W/10°  
**Light color temperature:** Up to 4,100 Kelvin  
**Medical standards:** FDA Class II  
**Color:** White – RAL 9002

<b>Configurations:</b>	Ceiling	Mobile
<b>Weight:</b>	52 lbs	54 lbs

<b>Ceiling</b>	Part No.: <b>CS 2050C-MRI</b>
<b>Dual Ceiling</b>	Part No.: <b>CS 2050D-MRI</b>
<b>Mobile</b>	Part No.: <b>CS2050M-MRI</b>





## PF Series MRI Exam

This unique exam light is designed for use in any MRI facility. Made of durable, MRI compatible materials, this light is ideal for imaging centers, radiology departments, and CAT/PET Scan labs and clinics.

### MRI EXAM FEATURES

- ››› Tested for MRI compatibility
- ››› Mobile caster base with easy-glide wheels
- ››› Powerful, 50W Halogen light source
- ››› Adjustable jointed arm for easy positioning
- ››› Weighted base for added stability

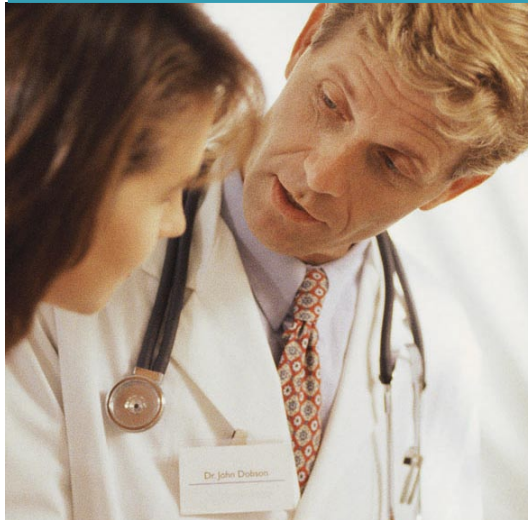
### TECHNICAL DATA

**Power supply:** 120V 60 Hz AC or 230-240V 50 Hz AC  
**Light intensity:** up to 4,300 Footcandles/46,000 Lux  
**Light source:** Halogen bulb – Dichroic 12V/50W/10°  
**Light color temp:** Up to 4,000 Kelvin  
**Color:** White – RAL 9002

<b>Configurations:</b>	Mobile
<b>Weight:</b>	40 lbs

**Mobile**Part No.: **PF28016-M**

Mobile



## Custom Lighting Solutions

In many cases a light must be an integrated component on examination tables, chairs, head walls, and equipment. Sunnex specializes in OEM services and has successfully developed custom solutions for both medical equipment manufacturers and end users.

Sunnex has developed and manufactured specialty lighting for more than three decades, and we can customize lighting for almost any medical equipment or environment. Some of the world's leading manufacturers of hospital equipment rely on Sunnex for its expertise in this area.

## CASE 1

The surgeon needs a dark environment in order to see the screen properly. The anesthetist needs high quality illumination to properly read the instruments and give infusion. Both have to work in the same room, simultaneously.

The solution for this customer was a spotlight attached to the anesthesia equipment. A flexible lamp head that can be positioned at any angle, providing a bright but focused spotlight pattern. The result was the room remaining dark while providing the right amount of light needed for the anesthetist to do the job.







## CASE 2

The customer needed a light that would be both safe and flexible for its medical beds. The solution was a gooseneck lamp with a special mount that attached to a corner socket on the head of the bed.

The flexible arm allows the light to follow each movement of the bed, combining illumination with flexibility and safety.



## CASE 3

A heart-lung machine demands both intense light and an extremely flexible arm that can be positioned at any angle, to monitor the pump, blood, and instruments properly. In addition, the heat output must be kept at a minimum so that the plastic hoses do not melt.

The solution for this customer was a spotlight attached to the heart-lung machine. This light provides a bright, spotlight pattern in a compact design that minimizes the heat output.



## Professional lighting is more than meets the eye

For over 30 years, Sunnex has provided the finest lighting products, designed for durability and high-performance and has offered a wide variety of models and configurations in the medical market.

Sunnex sales and service representatives are located in over 40 countries worldwide, with its North American headquarters in Natick, Massachusetts.

Sunnex is an ISO 9001:2000 registered company.

Visit our web site

[www.sunnexmedical.com](http://www.sunnexmedical.com)



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**Sunnex Inc.**

3 Huron Drive  
Natick, MA 01760-1314  
USA

Toll Free 800 445 7869

Tel 508 651 0009

Fax 508 651 0099

E-mail [sunnex@sunnex.com](mailto:sunnex@sunnex.com)

**Sunnex Equipment AB**

Box 8064  
SE 163 08 Spånga  
Sweden

Tel +46 8 546 802 30

Fax +46 8 546 802 59

E-mail [info@sunnex.se](mailto:info@sunnex.se)

**Sunnex GmbH**

Ricarda-Huch-Str. 2  
D-14480 Potsdam  
Germany

Tel +49 331 600 77 27

Fax +49 331 600 77 63

E-mail [h.wickstrom@t-online.de](mailto:h.wickstrom@t-online.de)

**Sunnex Equipement Sarl**

Z 1 les Milles BP 15400  
13794 AIX Cedex 3  
France

Tel +33 442 397 896

Fax +33 442 397 877

E-mail [sunnex@sunnex.fr](mailto:sunnex@sunnex.fr)