

AMICO LIGHTS WINTER 2024

# NEWSLETTER

## NEW AIA ACCREDITED LEARNING

Pg. 14

## TOUR OUR FACILITY

Step into the world of Amico Lights and discover firsthand how we prioritize excellence in our product design. Book a tour today!

Pg. 2

## LED RETROFIT SOLUTIONS

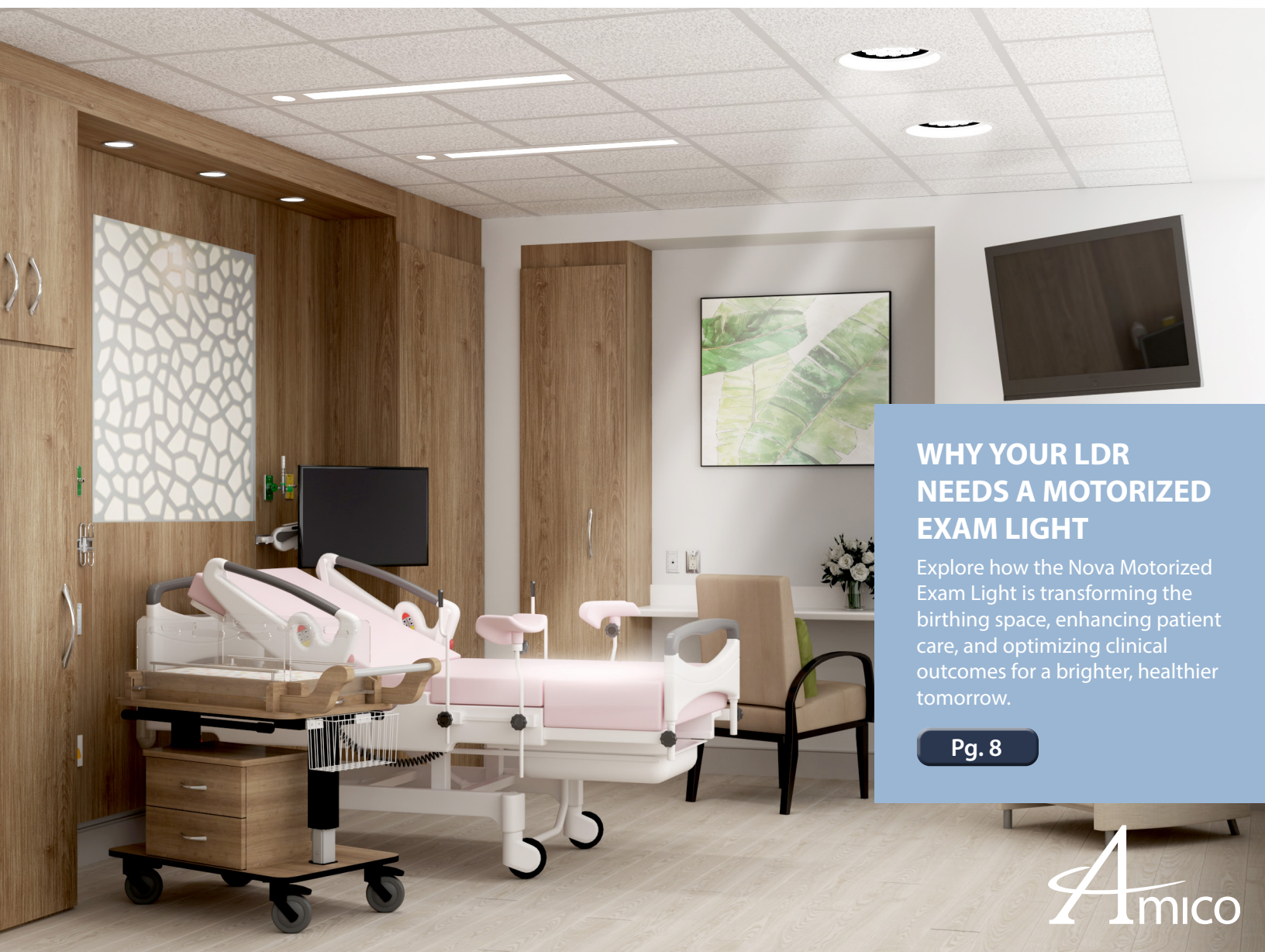
Everything you need to know about the latest energy efficiency standards, their impact on healthcare, and Amico's LED Retrofit solutions for seamless transition.

Pg. 22

## HELPFUL RESOURCES

Access a wealth of resources to support your success, including brochures, images, videos, technical documents, and more.

Pg. 24



## WHY YOUR LDR NEEDS A MOTORIZED EXAM LIGHT

Explore how the Nova Motorized Exam Light is transforming the birthing space, enhancing patient care, and optimizing clinical outcomes for a brighter, healthier tomorrow.

Pg. 8

Amico



# WELCOME

TO THE AMICO  
EDUCATION CENTER

Step into the world of Amico Lights and discover firsthand how we prioritize excellence in our product design, from patient rooms to operating theatres. Immerse yourself in a hands-on demo of our products, gain insights into our engineering process, and let it inspire your next lighting project!

Join us for a tour that goes beyond the ordinary!



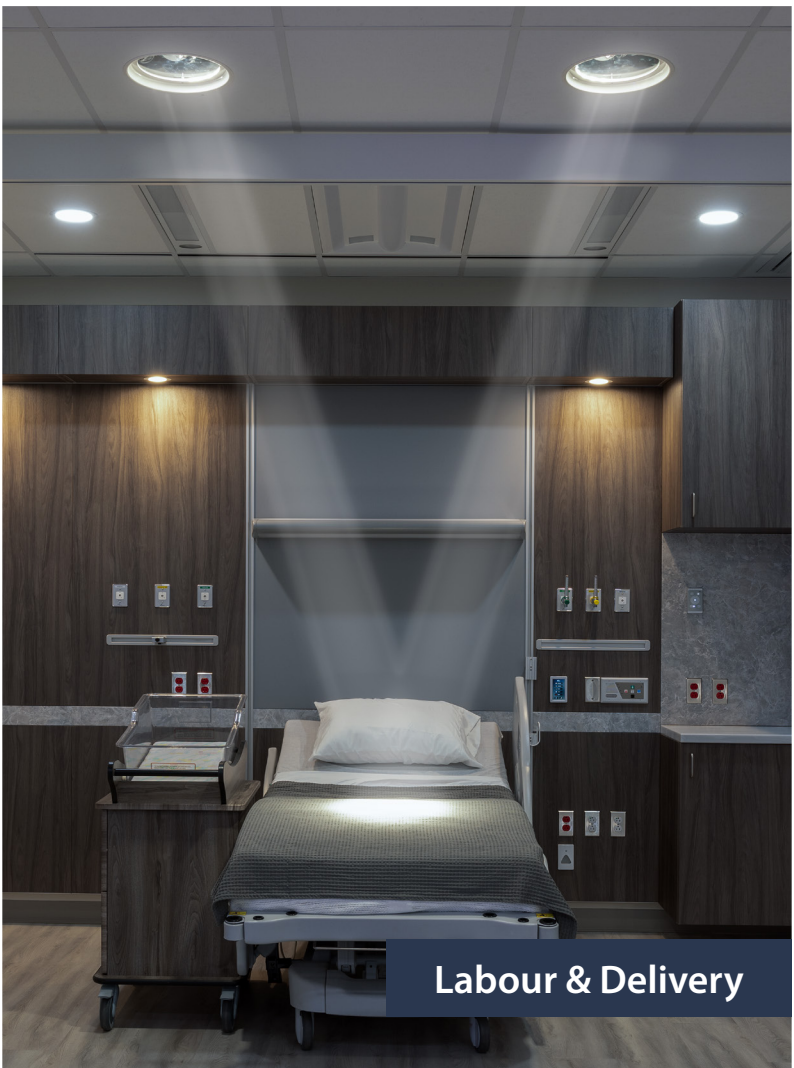
See more...



Patient Room



Operating Room



Labour & Delivery



Intensive Care Unit



Emergency Department



# LEARN, ENGAGE, INSPIRE.

## EXPERIENCE THE AMICO ADVANTAGE

1

### Demo Our Products

Meet our lighting specialists and bask in the brilliance of cutting-edge technology as you tour our Educational Showroom. Witness firsthand the transformative effects of our products through captivating demonstrations.



2

### Discover New Products

Get an exclusive sneak peek into the future as we unveil our upcoming product launches. Be the first to witness the dawn of innovation and elevate your expectations of what's possible.



3

### The Amico Ecosystem

Immerse yourself in the heart of Amico's operations with a tour of our vast 600,000 sq ft manufacturing space. Marvel at the seamless collaboration of the Amico Group of Companies, crafting hospital solutions that span from the basement to the bedside.



4

### Engineering Excellence

Delve into the intricacies of our engineering process. Follow the journey from concept to creation, and understand how Amico places patient comfort and clinical performance at the forefront of product innovation.



5

### Lean Manufacturing

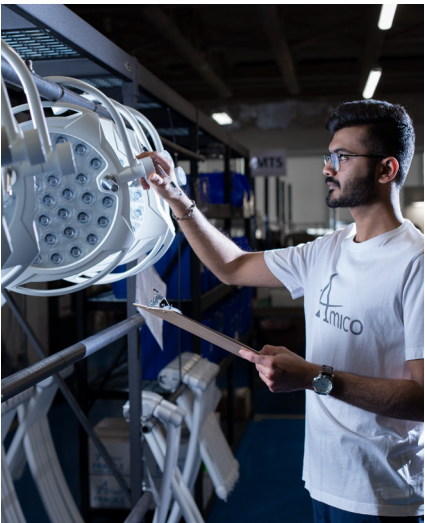
Step onto the manufacturing floor and experience the magic as our Lean Manufacturing processes come to life. Traverse the design and production stages, where every detail is meticulously crafted to perfection.



6

### Rigorous Quality Control

Learn about our rigorous quality control measures and the streamlined shipping process that ensures reliable and speedy delivery. See firsthand how we uphold the promise of excellence from inception to your doorstep.



# GET AN EXCLUSIVE PREVIEW!

EXPLORE OUR EDUCATION CENTER  
WITH A VIRTUAL WALK-THROUGH



## REDY TO BOOK A FACTORY TOUR?

SHARE THIS RESOURCE  
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AND SCHEDULE YOUR  
AMICO TOUR TODAY!

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Take a Virtual Tour 

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# REVOLUTIONIZE THE BIRTHING ENVIRONMENT

HOW THE NOVA MOTORIZED EXAM LIGHT IS TRANSFORMING THE MODERN LABOR AND DELIVERY ROOMS



In the ever-evolving landscape of healthcare, the journey of childbirth is experiencing a transformative shift. Modern mothers are redefining the narrative, placing a premium on health systems that provide labor and delivery rooms reminiscent of home. This deliberate choice reflects a desire for a comforting and empowering environment, allowing women to navigate the profound life event of childbirth with a sense of familiarity and autonomy.

## Crafting the Modern Labor and Delivery Room:

The challenge for designers is to think beyond the traditional clinical box. Crafting a modern labor and delivery room involves the artful integration of residential elements into a clinical setting, creating an inpatient space that aligns seamlessly with contemporary childbirth trends. It's a creative challenge that demands innovative solutions, marrying the comforts of home with necessary clinical functionality. The Nova Motorized Exam Light is a strategic choice that ensures clinicians have the tools they need for high-quality patient care while maintaining a home-like atmosphere. This article will explore how the Nova Motorized Exam Light contributes to elevating the birthing experience and improving clinical performance. And why that's important?





## Patient-Centric Environments More Than Just a Preference:

The desire for patient-centric labor and delivery suites goes beyond superficial preferences. Research indicates that these environments positively influence a new mother's overall birth experience and can impact the continued health of both mother and baby. Studies, such as one conducted by Jane Hyldgaard Nielsen & Charlotte Overgaard (2020), underscore the pivotal role of the physical setting. The study emphasizes the importance of a seamless transition to a home-like hospital setting, fostering familiarity, safety, and comfort. This, in turn, reduces stress, the perception of pain, and the uncertainty associated with the birthing experience.

### Creative Design for Patient-Centric Suites:

To establish a patient-centric environment conducive to relaxation and familiarity, designers must employ innovative strategies in showcasing essential healthcare equipment while concealing clinical elements to create a welcoming ambiance.

The Nova does just that! The discreetly recessed birthing lights integrate into the ceiling and replace the traditional bulky and intrusive procedural lights to help eliminate the clinical feel in patient rooms. This transformation fosters a sense of openness, enabling new mothers to unwind more comfortably in an environment that radiates warmth and familiarity.

### The Nova Motorized Exam Light: A Versatile Solution:

A Motorized Exam Light, such as the Nova, is a fully recessed medical procedure light designed specifically for the challenges of the labor and delivery environment. Positioned strategically at the end of the patient bed, it provides focused, shadow-free illumination into the birth canal, supporting clinicians with enhanced visibility. The motorized feature offers complete control over the light's direction, allowing a full 360-degree rotation and easy adjustment of light intensity through an intuitive wall control keypad. These features make the motorized exam light a versatile and user-friendly tool for healthcare professionals while contributing to a home-like feel in the labor and delivery space.

### Clinical Benefits and Safety Measures:

The Nova Motorized Exam Light offers essential performance features tailored to support clinicians throughout the delivery process. With full-range dimming options and 360 degrees of rotation, clinicians have precise control over light direction and intensity.

Using the intuitive capacitive touch keypad, clinicians can easily configure both lights from the wall or remote control. Once set, clinicians can leave the

adjusted settings in place and focus on the task at hand, eliminating concerns about drift, hazardous cords, or the need for continual equipment adjustments during procedures. This streamlined approach reduces the time spent maneuvering around and cleaning equipment, allowing clinicians to devote more attention to patient care and less to maintenance tasks.







Every Nova fixture is designed with 15 surgical-grade LEDs, delivering 50,000 LUX of clear, white light to illuminate the task area effectively. This aids in the early resolution of childbirth challenges, and with a CRI of 95+, it guarantees precise visual diagnosis. The 40-degree beam angle ensures that the focused illumination is delivered deep into the birth canal to support clinicians with shadowless visibility. Even when multiple clinicians are centered around the end of the bed, lighting remains pure and shadow-free.

Adding a recessed exam light to your Labor and Delivery Room (LDR) offers numerous health and safety benefits, providing a superior alternative to ceiling-mounted or portable exam lights that can pose physical hazards, harbor infectious agents, and contribute to unnecessary clutter. Especially in smaller rooms, traditional exam lights restrict movement, necessitate cords, and require lengthy sanitization processes. Recessed exam lights address these issues, creating more room for movement, eliminating the need for direct cleaning, and featuring infection control measures such as IP65 Ingress protection, sealed gasketing, and antimicrobial finishes to ensure patient and clinician safety.

### **Nova Motorized Exam Light: Transforming Birth Environments**

As the demand for patient-centric birth spaces continues to rise, the Nova Motorized Exam Light is an innovative addition to labor and delivery room design. Balancing the needs of healthcare professionals with the desires of modern mothers, this motorized exam light seamlessly integrates into the environment, providing a comfortable, familiar, and clinically efficient space for the miracle of childbirth. The Nova is not just a medical device; it's a testament to the evolving landscape of healthcare, where the well-being and experience of patients take center stage. Illuminating the future of childbirth, one delivery room at a time.



Jane Hyldgaard Nielsen, & Overgaard, C. (2020). Healing architecture and Snoezelen in delivery room design: a qualitative study of women's birth experiences and patient-centeredness of care. BMC Pregnancy and Childbirth, 20(1). <https://doi.org/10.1186/s12884-020-02983-z>

**View Flyer**



**Learn More**





# AIA ACCREDITED LEARNING

1.0 AIA/CES LU (HSW)



## AIA Continuing Education Provider

### Lighting for the Imaging Department

We're thrilled to share that Amico Lights has received approval as Continuing Education Providers by the AIA. Our inaugural program focuses on understanding and addressing the challenges that impact patients, healthcare professionals, and healthcare facilities, especially within the imaging department.

We explore strategic lighting designs and interactive technologies to help alleviate these issues. Our approach involves leveraging design principles and robust research to enhance the healthcare imaging experience. We're excited to embark on this journey to improve healthcare together.



# LIGHTING WITHIN IMAGING DEPARTMENTS

## AIA ACCREDITED PRESENTATION

1.0 AIA/CES LU (HSW)



### Book Your AIA Accredited Presentation Today!

Dive into Amico Lights' free AIA-accredited CE course and learn the most current healthcare lighting strategies to improve the imaging experience. Set up your AIA course and learn during your lunch hour with our convenient online lighting webinars or set up an in person event.

Book Now



### Learning Objectives

- Lighting designs and interactive technologies to improve the hospital experience
- Using supportive design to reduce patient anxiety
- Identify challenges in the imaging department: patient anxiety, workflow issues, & burnout
- Evaluating technical considerations in the MRI space

### Overcome Clinical Challenges

Discover effective strategies for addressing common clinical and operational challenges encountered in the imaging department, including issues related to:

- patient anxiety
- workflow inefficiencies
- clinical burnout



### Supportive Lighting Design

Apply the theory of supportive design in healthcare to assess specialized lighting and interactive technology in the imaging department, with a focus on enhancing:

- patient comfort
- staff productivity
- overall care quality



### Technical Considerations

Examine the technical aspects of implementing lighting and interactive technologies in an imaging department, with a focus on choosing solutions that:

- reduce electromagnetic interference
- enhance image quality
- ensure safety





# MRI SAFE LIGHTING & INTERACTIVE TECHNOLOGY



### 32" HD Portable Video Display

Designed for calm and efficient exams, featuring dynamic video options to alleviate patient anxiety.



### 4K Video Display

Transform the imaging experience with positive distractions and personalized content for an engaging journey.



### One-Touch Control Tablet

Seamless controls for personalized MRI experiences, accessible at your fingertips.



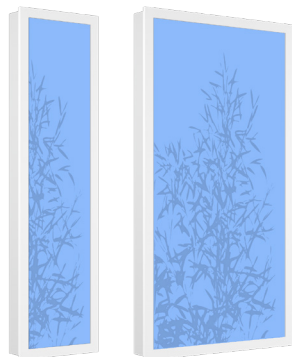
### Illuminated Image Ceiling Panel

Enhance the MRI suite with custom backlit tiles and LED lighting, fostering a patient-centric space to ease claustrophobic fears.



### Recessed Slot Lighting

Infuse warmth into the MRI suite with color-changing LEDs and provide a positive distraction for anxious patients.



### Illuminated Image Wall Fixtures

Elevate the MRI suite with color-changing LED lighting and custom nature imagery for patient comfort and distraction.



### LP6 Low Profile Recessed 6" LED Downlight

- CCT: 3500K, 4000K
- Lumen Output: 1400 - 1800 lm
- Measures 2.375" in depth



### Low Profile Directional (LPD) LED Downlight

- CCT: 3500K, 4000K
- Lumen Output: 1350 - 1650 lm
- Provides targeted lighting to the MRI bore



### A21 Retrofit LED Lamp

- CCT: 3500K, 4000K
- Lumen Output: 1800 - 1980 lm
- Replaces outdated incandescent MRI lamps





# IT'S LIGHTS OUT FOR INCANDESCENTS

It's official – the era of incandescent light bulbs has come to an end. As of August 1, 2023, these bulbs are no longer available for purchase, and manufacturing has ceased in the United States. The ban doesn't stop at incandescent bulbs; Halogen bulbs are also included, and there's a possibility that by 2025, Compact Fluorescent Light bulbs (CFL) will follow suit as part of the new energy efficiency standards. While this may have initially raised concerns for healthcare facilities managers, it's a step in the right direction towards a more energy-efficient, cost-effective, and sustainable future.

## HERE IS WHAT YOU NEED TO KNOW ABOUT THE NEW STANDARDS:

### WHAT EXACTLY DO THESE RULES BAN?

The ban is only on the manufacture and sale of light bulbs that produce fewer than 45 lumens per watt. This established minimum efficiency standard is one that most energy-inefficient incandescent bulbs cannot meet. The efficacy level of 45 lumens per watt requires the use of lamps that are either LED or CFL, as opposed to halogen or incandescent lamps.

### WHAT DOES THIS MEAN FOR HEALTHCARE SYSTEMS?

This means that healthcare facilities can no longer rely on incandescent lighting solutions when performing retrofits or maintenance, leading to the rapid acceleration of LED lighting adoption throughout the healthcare facility. This trend was already underway due to the numerous benefits of LED lighting, but the ban provides an additional incentive for healthcare facilities to switch to LED technology.

### DO I NEED TO CHANGE MY EXISTING BULBS?

Not yet. Since the current ban only prohibits the production and sale of incandescent light bulbs, if you're currently using some throughout your healthcare facility, you're free to continue using them for as long as they work. That said, they won't last forever. In fact, according to the DOE, "a typical incandescent lamp lasts about 1,000 hours" while "good-quality white LED lighting products are expected to have a useful life of 30,000 to 50,000 hours or even longer."

So once your current incandescent bulbs burn out, you will need to make the switch to LED, as you won't have the option to purchase incandescent bulbs, but you'll enjoy the longer life span and every savings benefit that comes with them.

### WHAT'S NEXT?

Next on the banned list are compact fluorescent light bulbs.

In December 2022, the Department of Energy proposed a rule that would more than double the current minimum light bulb efficiency level to over 120 lumens per watt for the most common bulbs. That would go into effect by the end of 2024 and effectively ban CFL bulbs.

### WHAT OPTIONS DO I HAVE?

If you're a health system faced with this reality, you're probably feeling the pressure to transition to LEDs. But what options do you have? The most immediate solution might seem to be swapping out your incandescent or fluorescent bulbs for LED equivalents. However, as energy standards continue to evolve, it's worth considering options that not only bring you up to speed with modern design but also future-proof your facility for the changing times.

LED lighting systems provide healthcare facilities with a distinctive blend of scalability and adaptability. These systems offer the flexibility to effortlessly expand and modify the lighting infrastructure in response to evolving facility requirements. Through modular and customizable

solutions, LED technology can adapt to changes in the healthcare environment without the need for extensive rewiring or renovations, thereby enhancing facility management efficiency.

### THE IMPORTANCE OF LED LIGHTING IN HEALTHCARE SETTINGS

Investing in LED lighting is a smart financial decision for healthcare facilities, promising substantial returns on investment. The advantages are clear: remarkable energy savings, decreased maintenance expenses, and enhanced operational efficiency, all contributing to significant long-term financial benefits. Beyond the balance sheet, LED lighting plays a crucial role in healthcare settings, contributing to both patient comfort and staff efficiency. Well-designed lighting enhances visibility, reduces the risk of errors, and promotes a calming environment for patients.

Additionally, the deployment of LED fixtures introduces an element of control for both patients and staff, allowing them to tailor their surroundings to meet individual preferences. This empowerment translates into tangible benefits, including enriched patient experiences, heightened operational efficiency among the staff, and ultimately, a more favorable impact on overall outcomes within healthcare facilities. The multifaceted advantages of LED lighting extend far beyond its illumination function, actively shaping a more supportive and effective healthcare environment.



# REVAMP YOUR LIGHTING EXPERIENCE

## DISCOVER AMICO'S ENERGY EFFICIENT LED RETROFIT SOLUTIONS

### SKYLINE LED OVERBED LIGHT



#### Streamline the Retrofit Process

Transform outdated patient room lighting and streamline installation in THREE easy steps with the Skyline LED Overbed Light.

The robust wall-mounted fixture offers up to four lighting functions, multiple switching options, and a sleek and sophisticated design to enhance the patient room aesthetic.

#### Features and Benefits:

- Available in 2', 3', and 4' lengths
- Hospital-grade materials and finishes for easy cleaning and infection control
- Reading, Ambient, and Exam functions
- Optional amber night light
- Slim and modern design
- Unique hinge system for easy install
- Various switching options



### A21 MRI LED LAMP



#### Swap out old incandescent light bulbs in your MRI suite for MR Safe LED Lighting

In just 90-minutes, you can achieve energy efficiency and noise reduction, while enjoying consistent, balanced illumination with outstanding color stability.

Designed specifically for the MRI environment, the A21 Retrofit Lightbulb delivers up to 1800 lumens of soft white light and offers cool operation for 50,000 hours of LED lifetime, ensuring lasting efficiency with minimal maintenance.

#### Features and Benefits:

- 50,000 hours of LED life
- Quick 90-minute installation
- Cool operation for excellent color stability
- Certified to meet MRI vendor EMI requirements
- The drive circuitry relies on linear regulation and excludes pulse width modulation (PWM) to ensure reliable and consistent performance





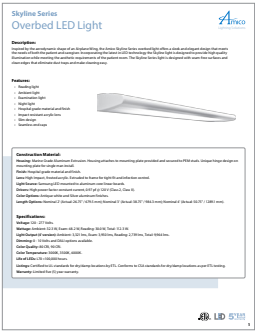
# HELPFUL RESOURCES



## MARKETING MATERIALS [CLICK HERE](#)

Find all our digital marketing materials on our shared BOX folder.

- Brochures
- Flyers
- Social Media
- Images



## TECHNICAL DOCUMENTS [CLICK HERE](#)

Find all our technical documents on our shared BOX folder.

- Specifications
- Manuals
- IES files



box

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## PRODUCT VIDEOS

Find all our technical documents on our YouTube profile or in the shared BOX folder.

- Testimonial Videos
- Installation Videos
- Product Videos
- Promotional Videos



EMAIL US

## LOOKING FOR SOMETHING ELSE?

Send us an email and let us know how we can offer additional support or resources to help you and your team achieve those sales goals. We're here to ensure you've got all the right tools and information to make it happen, and we're always happy to help.

# AMICO EVENTS

## TRADESHOW EVENTS

The Amico Team is on the move across North America, journeying to various trade show events. Stay informed about our upcoming locations and the exciting lineup of products we're bringing along!

[See Event Schedule](#)



## BOOK A VIRTUAL EVENT

[EMAIL US](#)

Immerse yourself in the world of Amico with our dynamic live events! From insightful trainings and captivating product demos to engaging customer presentations, there's so much to explore.

Get to know Amico's impressive range of products, connect with your dedicated representative, and even take a virtual tour of our facility. All of this comes alive through the magic of live streaming and green screen technology.







## Visit the Amico Factory

Learn more about Amico Lights and get behind the scenes insight on our product creation. From the design and engineering phase to manufacturing and quality control, learn how Amico prioritizes excellence at every stage of the production journey.

Speak with an Amico rep and book today!

[EMAIL US](#)

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