

MEDICAL SHIELDING ACCESSORIES MED-VIZION™ LED GRAPHIC DISPLAY PANEL (GDP)



MED-VIZION GDP

- MRI Friendly Product Features
- Easy Installation
- Long Life, Low Energy Consumption
- Large Image Gallery
- Three-Year Warranty

ETS-Lindgren's Med-Vizion LED Graphic Display Panel (GDP) MRI Lighting

System offers advanced lighting technology specifically designed for MRI suite environments. This innovative system integrates easily installed graphic display panels, transforming the room into a calming, visually appealing space for patients and staff. The panels illuminate high-quality photographic scenes with soft, uniform lighting, creating a soothing and realistic illusion of outdoor landscapes.

Beyond enhancing patient comfort, the Med-Vizion LED Graphic Panel System meets the stringent requirements of MRI environments, ensuring compatibility with MRI safety standards. The system not only improves the aesthetic of the MRI suite but also contributes to a more positive and calming patient experience during medical procedures.

Product Features

Magnet-Friendly

The Med-Vizion LED Graphic Panel (GDP) system is specifically designed for MRI environments, generating no RF noise and ensuring there is no interference with MRI magnets or other sensitive medical equipment.

Easy Wall Installation

Med-Vizion light panels are designed for quick installation with standard hand tools. With electrical service in place, a single panel can be mounted on a wall in under an hour, allowing MRI and exam rooms to undergo a visual upgrade with minimal downtime. The panels are only 25 mm (1 in) deep and can often be installed directly onto existing walls. The panels use edge-mounted LEDs combined with special diffraction technology to provide natural, even illumination, giving the impression that the light source is emanating from behind the panel. Additionally, the hinged frame design allows for easy and tool-free transparency changes within minutes.

Ceiling Installation

The light panels can also be easily installed in existing suspended grid ceilings, with standard sizes such as 0.6 m x 0.6 m (2 ft x 2 ft) and 0.6 m x 1.2 m (2 ft x 4 ft). Custom shapes and sizes, such as circular or oval designs, are also available using framing kits, providing flexibility for a wide range of ceiling designs.

Long Life, Low Energy Consumption

The GDP system is equipped with high-quality LED light sources, rated for 50,000 hours of operation. This ensures long-lasting performance with minimal energy consumption and heat displacement, reducing maintenance needs while offering energy efficiency.

Large Image Gallery

A wide variety of high-definition images, including both photographs and artist renderings, are available to customize the panels. Subjects range from skies, oceanscapes, and mountains to desert scenes, gardens, and lakes, providing realistic and soothing visuals to enhance the MRI suite environment.

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Standard Configuration

- Image Transparency
- Image Frame
- Power Transformer
- Images Frame Shapes
 - Square
 - Rectangular
 - Round
 - Oval
 - Bullet

Options

- Custom Frame Shapes
- Optional Dimmer Available

Technical Specifications

Electrical

Illuminated Panel	
Input Voltage	11.5 VDC
Power Consumption	0.25 W per LED (18 LEDs per 0.3 m (1 ft) of Illuminated Panel Edge)
Input Leads	0.812 mm (20 AWG) Two-wire Connector
Connector	2.1 mm x 5.5 mm Barrel Connector
Wiring	Multiple panels can be wired in parallel when connecting to a single power supply
Dimmable LED DC Magnetic Transformer	
Input Voltage	Auto-ranging 120V 60 Hz - 220V 50 Hz
Maximum Load	Type N
Output Voltage Load	0 W 11.5 VDC, 100 W, 150 W
Input Lead	1.02 mm (18 AWG) Two-wire Connector
Thermal Class	B; 130C (266 F)