



MRI Downlights

Advanced Illumination for MRI Scan Rooms



WHAT MAKES LIGHTING TRULY MRI-SAFE?



NON-FERROMAGNETIC MATERIALS



SHIELDED ROOM INTEGRITY



MRI FILTERING

Complete MRI Downlight Systems for Reliable Imaging Environments

PA-CO's MRI lighting solutions are engineered as a complete system, ensuring compatibility, safety, and efficiency at every level. Our Imaging Medical Downlights are designed to deliver safe, high-quality illumination in sensitive MRI environments.

Constructed with non-magnetic components and powered by a low-voltage DC system, these fixtures operate reliably without the risk of interference to critical diagnostic imaging.

The low-profile architectural trim blends seamlessly into the room design, reducing visual clutter while enhancing overall aesthetics. With a sealed optical chamber protecting the LED module, these downlights provide consistent light quality and long-term durability with minimal maintenance.

Enhanced MRI Suite Experience

- Purpose-driven design enhancing the patient experience in MRI suites.
- New color finish options introduce warmth and comfort to clinical environments.
- Multiple reflector choices allow tailored lighting effects to meet both aesthetic and functional requirements.
- Seamless integration of architectural quality design with patient-focused care.

STANDARDS



MR SAFE



EASE OF CLEANABILITY



IP65 RATED

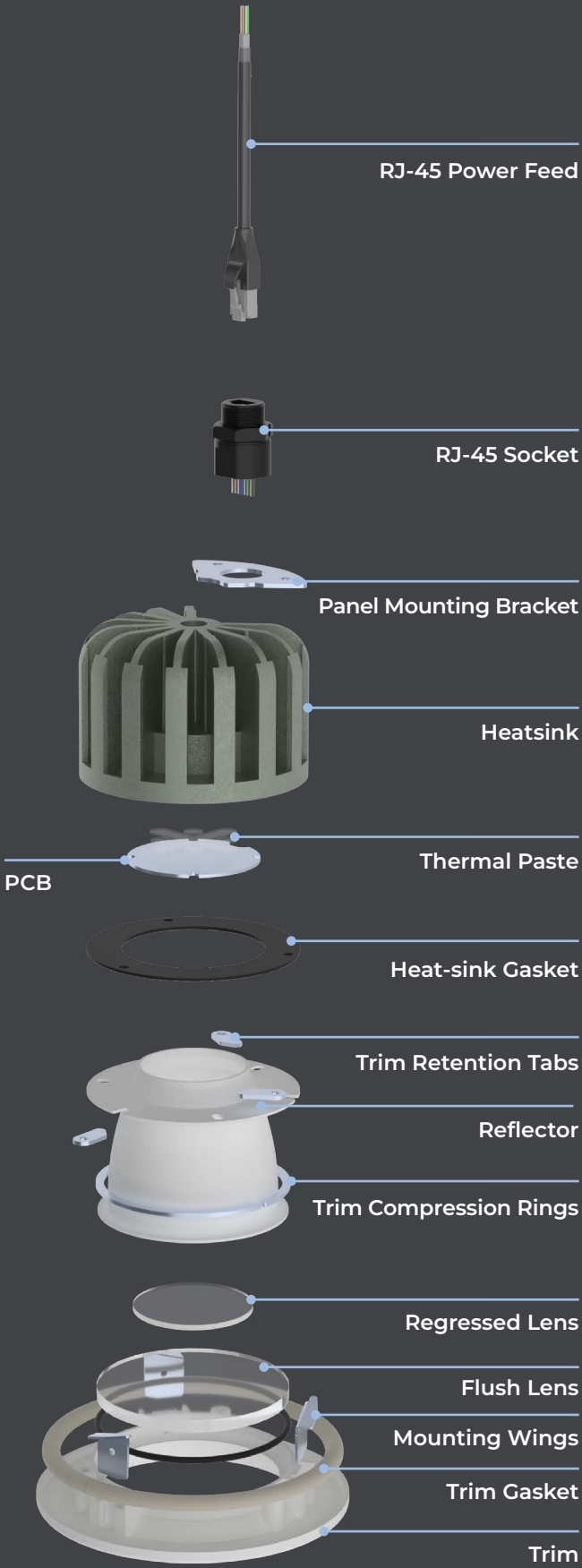
MDI Series

Enhance MRI suite environments with the MDI4 & MDI6 Downlights — engineered for precision, patient comfort, and the rigorous demands of diagnostic imaging.

Our downlight features robust, non-ferrous construction and delivers reliable performance without compromising safety or functionality.



Downlight – Exploded View



MDI4 / MDI6

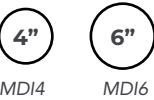
ADVANCED DOWNLIGHTS FOR MRI SUITES

NEW PRODUCT

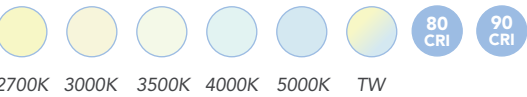
PRODUCT FEATURES

- Available in 4" or 6" apertures, designed to enhance MRI suites with reliable, glare-free illumination.
- Non-ferromagnetic construction with re-remote drivers designed specifically for MRI applications.
- 500 to 3000 lumens output.
- Various dimming protocols available.
- Ingress-proof for recessed applications (IP65-rated).
- Operating temperature -20°C to 45 °C / -4°F to 113°F

APERTURE



LED OPTIONS



MOUNTING

Recessed

TRIM FINISH OPTIONS



DOWNLOAD SPEC SHEET & IES FILES: MDI4



DOWNLOAD SPEC SHEET & IES FILES: MDI6

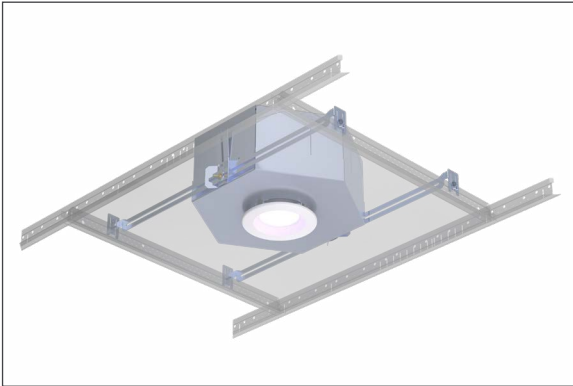
REFLECTOR OPTIONS



MRI DOWNLIGHT SYSTEM COMPONENTS

Downlights, Drivers, MRI Filters, and Cabinet Enclosures—each component is purpose-built to operate in perfect harmony.

PA-CO's MRI lighting solutions are engineered as a complete system, ensuring compatibility, safety, and efficiency at every level. Designed from the ground up for seamless integration, our fixtures simplify installation while delivering reliable performance in demanding MRI environments.



MRI DOWNLIGHTS

[DOWNLOAD SPEC SHEET](#)



REMOTE-MOUNTED DRIVERS IN CABINET BOX

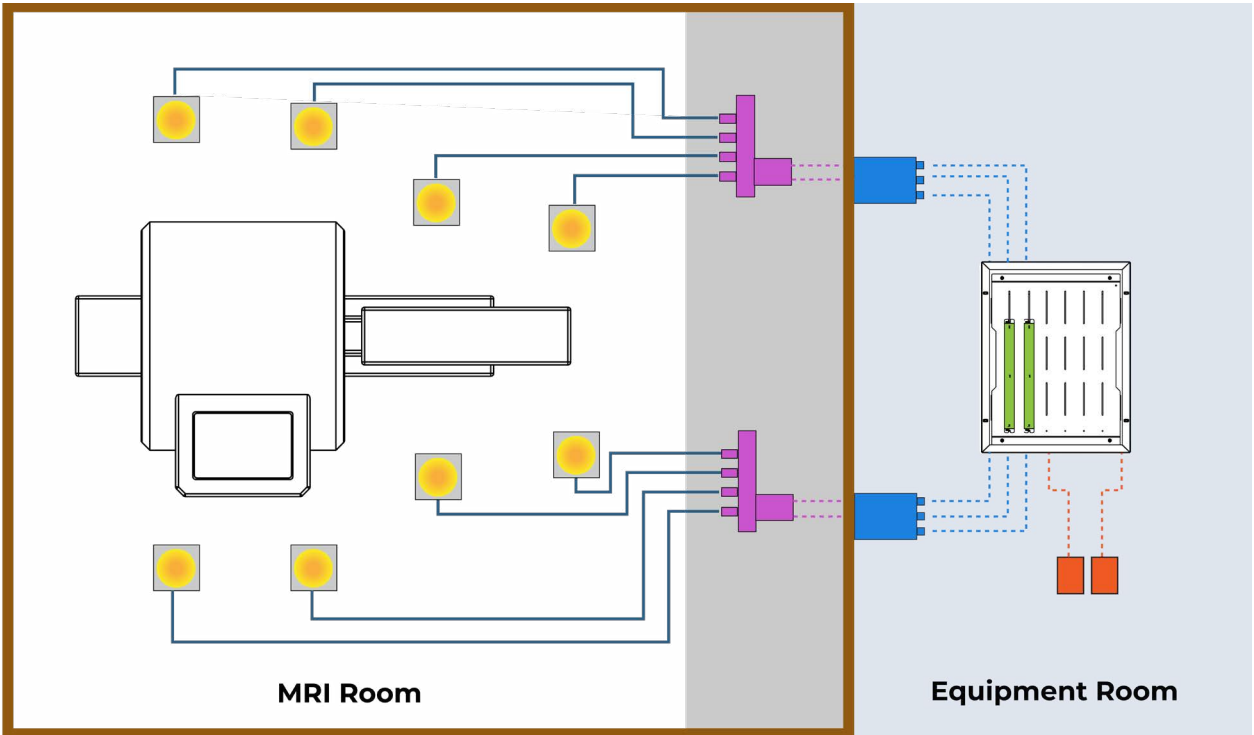
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MRI FILTERS

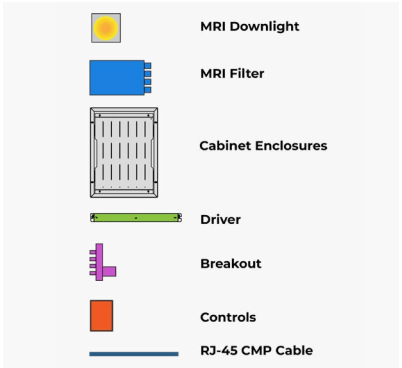
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MRI System Overview



TYPICAL SETUP: 8 DOWNLIGHTS					
8,000 LUMENS TOTAL					
QTY	Description	Lumens per Luminaire	Current per luminaire	Cable Length	Driver Power
4	Downlights per Driver	1,000 lm	225mA	50ft	50W (0-10V / DALI-2)
2	Drivers per System				
1	Cabinet per System				
2	Filters per System				
8	Cables per System				
2	Breakouts per System				

* See more configurations in our spec sheets



MRI Downlights – Uncompromised Performance for Specialized Environments

- Non-ferromagnetic design ensures MRI safety, with remote drivers and EMI filters delivering clear, artifact-free imaging.
- Durable, long-life design minimizes maintenance and ensures zero clinical downtime
- Patient-Centric Lighting: Smooth, flicker-free dimming enhances patient comfort during imaging procedures.
- Customizable lumen output and distribution for optimal lighting intensity and energy optimization
- Multiple form factors: round apertures, 4" or 6", with a variety of reflector colors, finishes, and sealed lens options for infection control

MRI Downlight System

Precision Lighting for Critical Environments



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info@pacolighting.com
www.pacolighting.com

