Mayo Clinic, Gonda Building, Rochester, MN

Architect:
Ellerbe Becket
Photographer:
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MRI Room
Plan: 17'-6" wide x 25'-0" long. Soffit extends into space 2'-3" on three sides.
Heights: Soffit at 7'-2". Vaulted ceiling at 8'-8" to 9'-4". MRI at 7'-6" +/-.
Lighting: (10) T133-0250-W-P2-A-XX0, modified for MRI use, white painted finish.
Estimated illuminance (uplights only): 50 fc initial on table, 30 fc initial @ counter edge.
35 fc avg. initial overall @ 3'-0" a.f.f.
Estimated power density (uplights only): 5.7 W/sf

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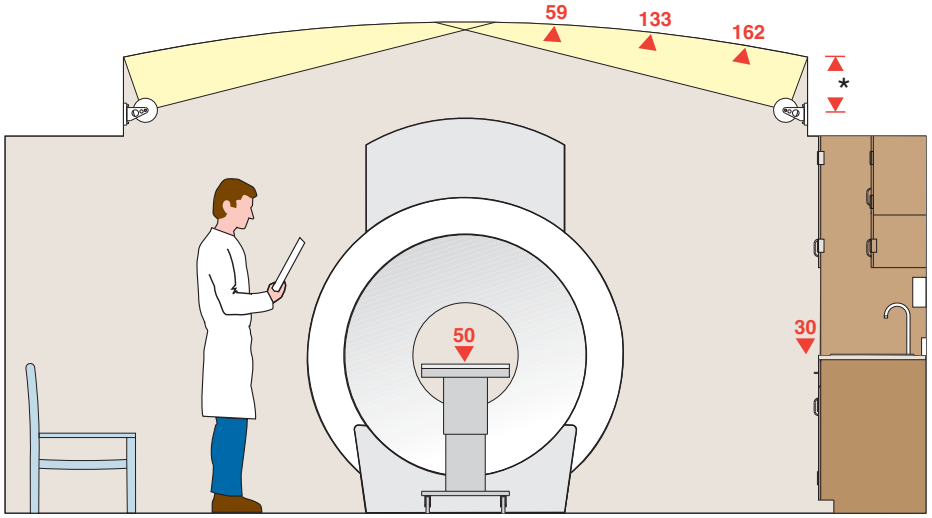
MRI lighting

Indirect lighting is ideally suited for MRI exam rooms, where patients are reclined and likely to experience glare from direct sources. Several **elliptipar** styles with the MRI option will withstand the powerful magnetic fields generated in these spaces.

This environment requires halogen lamps since the RF noise from ballasted sources would interfere with the MRI equipment. DC power ia also required because filament oscillation with an AC supply in the magnetic field dramatically reduces lamp life.

The halogen may be dimmed (DC controllers by others) to further enhance the patient's comfort.

The result – warm, soft lighting that calms the patient while providing shadow-free, high color rendering task illumination for the technicians.



Estimated initial footcandles, indirect only, 70% ceiling, 50% walls, 30% cabinets & 20% floor.
* Typical setback = 30" minimum. This project = 14" +/-

Style T133 ... the dotted line® features a distinctive perforated aluminum housing, available in a bright clear anodized finish with a brushed aluminum yoke, or in a choice of RAL powder coat finish. A regressed lens provides substantial cutoff of brightness, while a radial baffle offers additional shielding within the cylindrical form.

Style 101 = bright/fluted
Style 102 = smooth/white

Style 103 = fluted/bright
with optional perforated visor
Style 104 = smooth/white

Choice of RAL powder coat colors.