Fail-Safe

DESCRIPTION

The 6" MRI downlight from Fail-Safe is the ideal choice for MRI suite illumination. The on-board driver makes installation a snap, as the number of entries through the penetration panel is minimized. Choose either 3000K, 3500K or 4000K color temperature, specular clear or anti-microbial matte white trims, a 1750 delivered lumen package, 50 degree cut off, and optional dimming. Non-ferrous construction, absence of UV, and reduction of RF emissions so as to not interfere with the MRI operation makes the F6MRI the perfect downlight for use in MRI applications.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Trim
Non-ferrous regressed specular clear or anti-microbial matte white trim with diffuse lens for increased visual comfort.

Trim Retention
Two non-ferrous torsion springs securely attach the trim to the housing.

Plaster Frame
Plaster frame constructed of non-ferrous aluminum.

Fasteners
Non-ferrous screws and rivets.

Thermal
Die-cast aluminum, Type 3003-H14, non-ferrous radial top fins for optimal heat dissipation, for cool running operation.

LED (Light-Emitting Diode)
Available 3000K, 3500K and 4000K color temperature. Nominal 85 CRI. Rated for 50,000 hours at 70% lumen maintenance. Color variation within 3-step MacAdam ellipses.

Junction Box
Heavy gauge non-ferrous aluminum with two knock-outs.

Driver
Electronic.

Dimming
Proprietary pulse width modulation dimming system, designed to not interfere with MRI machine output. Dimming module can be located in the control room or the MRI room.

Compliance
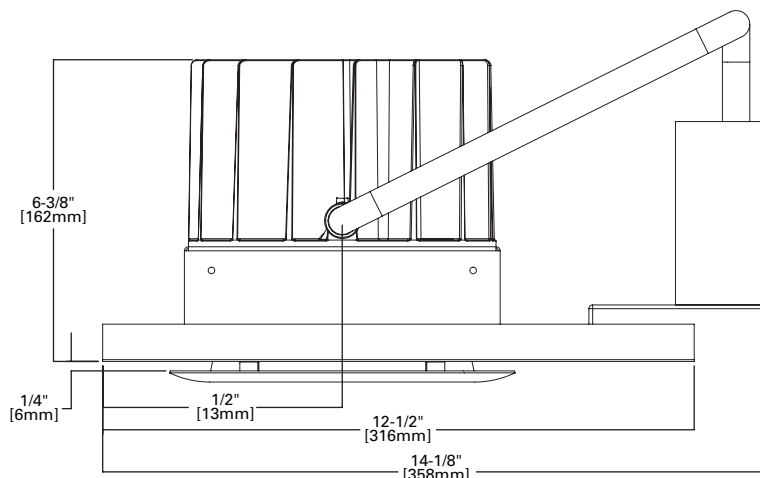Thermally protected and UL/cUL listed for damp locations.

Warranty
3-year warranty on LED housings, LED modules, and LED trims.

F6MRI

6" Downlight
MRI
1750 Lumens

ORDERING INFORMATION

SAMPLE NUMBER: Downlight: F6MRI-30-18-120-S
Dimming: F6MRI/DIM/BL
Facility Filter: FF30A

Product Family
F6MRI= Fail-Safe 6" MRI Downlight

Color Temperature
30=3000K
35=3500K
40=4000K

Lumens
18=1750

Voltage
120=120V

Trim
S=Specular Clear
W=Matte White, Anti-microbial

Accessories
F6MRI/DIM=Dimming system for F6MRI downlight. [1,2]
Includes:
• 120V power supply
• Dimmer module
• White faceplate (for black, specify F6MRI/DIM/BL)
• Signal filter
• Two RJ45 pigtails (module to filter, filter to downlights)
FF30=Facility filter for downlights (filters incoming AC power). One filter can be used for up to 16 downlights.

Notes:
For individual dimming components, please see below:
• DIM/120PS = 120V power supply for F6MRI dimming system
• DIM/MOD = Dimmer module for F6MRI dimming system
• DIM/FPW = Faceplate, white, for F6MRI dimming system
• DIM/FPB = Faceplate, black, for F6MRI dimming system
• DIM/SIGFLTR = Signal filter for F6MRI dimming system
• DIM/RJ45PT = Two pigtails for F6MRI dimming system

Notes:
[1] One dimming system capable of controlling up to 16 luminaires. Refer to installation manual on website for detailed wiring/schematic diagrams.
[2] Refer to dimming system specification sheet on website.

Electrical Characteristics	
Input Watts	25.5
Input Voltage	120v
Input Frequency	50/60hz

FAT•N
Powering Business Worldwide

ADC142568
2016-05-03 08:33:58