

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

SmartLED™ Filter

For use with SmartLED™ MRI Luminaires and Driver Modules

RFI-4100D

DC MEDICAL RFI (4 CHANNEL) FILTER

Specifications

“Smart” Filters

- Allows lighting power to be delivered into the MRI suite.
- Removes RFI/EMI from electrical circuits entering the MRI suite.
- Fewer filters required. Each RFI-4100D filters four channels (circuits).

“Smart” Operation

- 60 volt DC maximum.
- 3 amp maximum current.
- Indoor use, -10°C to 60°C (-14°F to 140°F).
- Insertion loss: 100dB min (10kHz-1.0 GHz).

“Smart” Size

- At only 6.8" x 8.70", the small size of filter allows placement virtually anywhere through the MRI shield.

“Smart” Installation

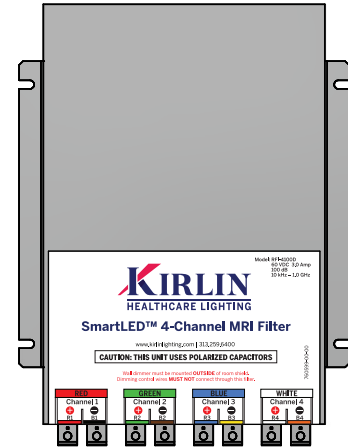
- Each output circuit is clearly labeled and prewired through a standard 1/2" threaded hub.
- Input terminal allows for quick connection.

“Smart” Construction

- Totally enclosed nickel plated steel with (8) #18 leads, each 18" long.

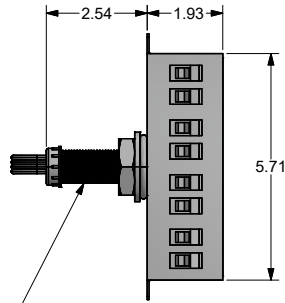
FIVE YEAR Limited Warranty

- Complete.

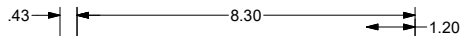
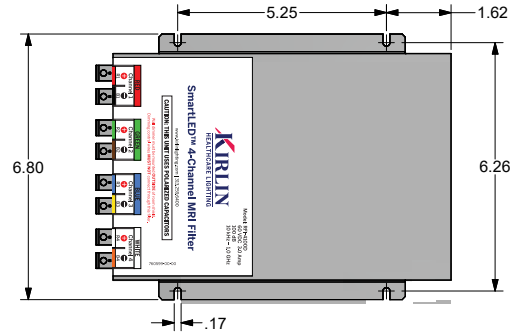


For MRI Installations, use of both SmartLED™ Driver Modules and Filters is REQUIRED or Kirlin warranty is null and void.

Dimensions (Inches)



1/2" NPSM THREADED CONDUIT SUPPLIED WITH GASKET, WASHER AND MOUNTING NUT



TERMINAL BLOCK ACCEPTS #12 AWG STRANDED WIRE. STRIP LENGTH 0.315". TORQUE: 0.8Nm (5.31 IN-LB) (MIN). (8 PLACES)

18" LONG FROM END OF PIPE #18 AWG (8 PLACES)

WIRES INDIVIDUALLY LABELED

ELECTRICAL SCHEMATIC

