

Project Information

Job Name: _____

Location: _____

Fixture Type: _____

Contact/Phone: _____

MedLux[®]

LED lighting system

Part Number: 019-00009

MedLux SIGNAL Filter for MRI applications

Signal filters are used ONLY with low levels signals, NOT for 24VDC, 48VDC, or 120VAC bulk power feeds. Signal filters are typically used with 12VDC signals from Monochrome Dimmers or XLIM Modules and 24VDC signals from RGB Controllers. Maximum recommended current is 0.25 Amps (250 mA) per leg (filter is rated 0.5 Amp [500 mA]). Please see our recommended signal filter listed below.

SPECIFICATION

Input Rating: 150VAC/ 300VDC maximum

Output Rating: 2 x 0.5A maximum

Insertion Loss: 100dB 150 kHz to 10GHz

Wiring: Two electrically isolated channels – DIMA/DIMB for Monochrome dimmers
RED/GREEN or BLUE/COM for RGB controllers/drivers

Actual MedLux Use: 0-24VDC 0.25A

Model: LCR Electronics 058.10001.00-E

Length	Width	Height
8.47"	3.5"	1.75"

Important Note: It is critical that filters used for signal transfer have complete isolation between all channels. The part specified is fully isolated, which allows the Red & Green, or Blue & Common control lines to share a single filter. If you do not have an individually isolated dual filter, or you are not sure, then wire each control line (Red, Green, Blue) and its common through individual filters.

Data sheet is available directly from the manufacturer.

LCR Electronics - <https://store.astrodynetdi.com/media/assets/product/documents/058-Datasheet.pdf>



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