



# 'D' RAIL with built-in electrical distribution

### DIRECT MAINS OUTPUTS (Panel mounted Female)

- CE16A 2p+G for 230V
- PIN CONNECTOR for 120V

### DMX OUTPUTS (OPTO IS-AMPLIFIED Panel mounted Female)

- XLR 5 pin

*For DMX 512  
CONTROLLED LOADS*

### DIRECT MAINS INPUT

*(In-Line Male on 1 m. cable)*

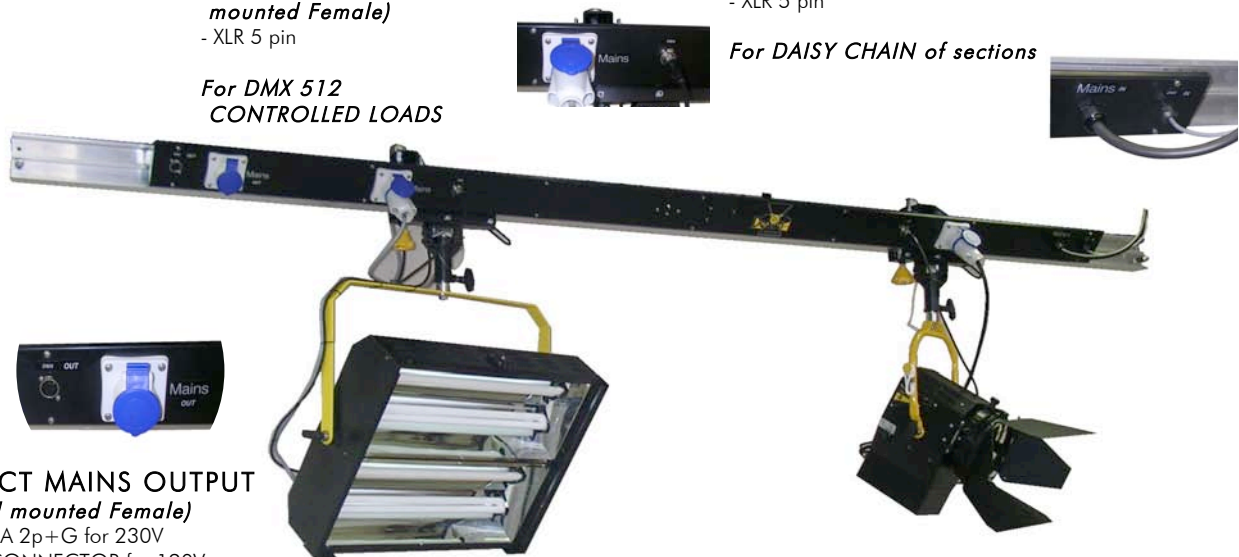
- CE16A 2p+G for 230V
- PIN CONNECTOR for 120V

### DMX INPUT

*(Pass Through In-Line Male on 1 m. cable)*

- XLR 5 pin

*For DAISY CHAIN of sections*



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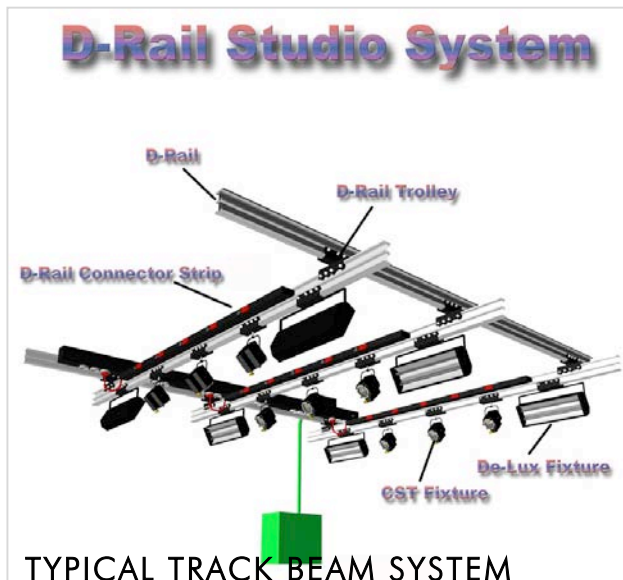
The De Sisti 'D' Rail extruded aluminium profile is available with integrated electrical distribution. In particular it offers valuable benefits under the cost and ease of installation for COLD LIGHTING studio solutions, where Direct Mains and DMX connections are required for each lighting fixture. The image shows a typical section of the product: INPUT & OUTPUT DMX and MAINS connections are available, to allow electrical DAISY CHAIN of sections that are mechanically junction in a continuous rail.

**DIRECT MAINS:** All the DIRECT MAINS connectors under one DAISY CHAIN have the Amperage limit of the Connector and wire size (16A for 230V voltages as in the example, or 20A for 120V voltages). For instance if 4 lamps 55W Fluorescent fixtures are used ( $220W:230V=0,96A$  consumption per fixture), a maximum of 15 fixtures is allowed for connection on one line and in case of 100% simultaneity TURN ON of all fixtures.

**DMX 512:** Inside the connection strip of each D Rail section, it is included a small DMX splitter with IN & OUT pass through and 2 OPTO ISOLATED & AMPLIFIED outputs. A maximum of 16 "D" rail sections (each with 3 splitted DMX Outputs) can be daisy chained.

Obviously the described integrated distribution simplifies the remaining part of the electrical installation and the system provided has a very slim and clean look.

The known advantages of DMX controlled lighting fixtures of not requiring Power Dimmers and the valuable Cold Lighting solution for the energy saving and extremely low thermal emission, are now enounced with the availability of the "D" Rail with Built In DMX and MAINS distribution.



USING "D" RAIL WITH INTEGRATED DMX AND MAINS ELECTRICAL DISTRIBUTION. THE SYSTEM FEATURES A SLICK LOOK AND FLEXIBILITY OF MOVEMENT.



TYPICAL COLD LIGHTING DMX CONTROLLED (CST FRESNELS & FLUORESCENTS) INSTALLATION, USING THE "D" RAIL WITH INTEGRATED DMX AND MAINS ELECTRICAL DISTRIBUTION