



SLD Dimmer Racks

- High performance digital dimmer racks with advanced waveform compensation output control
- Full support for dimmer status reporting
- Available with Standard 3 phase power input or Delta power feed
- Two rack sizes with 24 or 48 module capacity for up to 96 5kW dimmers
- Optional Plug in Ethernet module for direct network DMX and Status reporting.
- Dual DMX inputs
- 12 Analogue inputs
- Outlook Architectural control with a wide range of Pushbutton and Slider/Preset control stations
- System Wide Control with 99 back up presets with individual time fades
- Remote PC configuration plus full local set up
- Fully programmable panic function with remote access
- Top or Bottom feed
- 100,000 AIC fault current rating
- Multiple fans for quiet operation
- Plug in dimmer modules in a wide range of capacities feature LED status indicators and are available with load status reporting
- Double pole and RCD options available for all dimmer module types



75600A /CE SLD 96 Dimmer Rack

Mechanical Data

Construction

Formed steel assembly

Weight:

Full Rack 208 Kg (296 Kg shipping)

Half Rack 137 Kg (198 Kg shipping)

Dimensions (HxWxD)

Full Rack

2050mm x 600mm x 575mm

Half Rack

1326mm x 600mm X 575mm

Environmental Data

Operating Temperature

0° to 35°C

Storage Temperature

-40° to 70°C

Humidity

5% - 95% non-condensing



SLD Series Dimmer Racks

The SLD Series represents premium performance and high value for all levels of users. Designed to interface fully with Strand Lighting's ShowNet Ethernet system the SLD dimming system provides a wide range of inputs - including two DMX and 12 analogue - as well as presets for our Outlook architectural system and 99 System Wide Control back-up presets with individual fade times.

All dimmers feature high-performance chokes and dimmer status reporting to Strand's 300 and 500 Series consoles, Any dimmer system is only as good as its voltage regulation and accuracy and the new SLD Series employs Strand Lighting's most advanced waveform analysis design to date, with near instantaneous correction for line changes and perturbations.

SLD systems feature a universal 24 or 48-module rack design that provides support for 90-260 volt operation and is CE, UL and cUL approved, meeting a wide range of regulatory requirements within a single rack.

Technical Specifications

Supply Voltage
90-260 volts 3 phase up to 600 amps

Standards Compliance

EMC emissions to EN50081-1, EN55014; EMC immunity to EN50082-1, IEC1000-2-2; Safety: EN60950, EN60439 Part 1 (also part 12 BS5486); design & build: ISO9001, UL1950
The rack shall be CE TUV certified.

Connections

DMX Inputs	2 with full patch capability
Outlook	1 RS485 input for Outlook Architectural Controls
SWC	Data link for access to 99 Back up cues
Reporter	Data link for dimmer Status reporting and Remote rack configuration



Available with standard 220µs and up to 400 µs hi rise time chokes all SLD dimmers feature full digital dimming. All dimmer modules offer full status reporting on all module types. All dimmers feature plug in components for easy maintenance

All SLD dimmer modules may be fitted with double pole neutral disconnect or RCD circuit breakers to meet any electrical requirement.

Ordering information

Cat No	Description
75600A/CE	SLD Rack for 48 modules
75610A/CE	SLD Rack for 48 modules delta
75620A /CE	SLD Rack for 24 modules
75625A /CE	SLD Rack for 24 modules Delta
75690A/CE	Processor housing with processor
75692A	Processor only
75785	SN110 Node for SLD racks

Ordering information

Cat No Description

Standard Dimmer Modules

75700	SLD 3kW Dual Dim
75720	SLD 5kW Dual Dim
75730/CE	SLD 10kW Single Dim

Hi Rise Dimmer Modules

75702	SLD 3kW Dual Dim
75722	SLD 5kW Dual Dim
75732/CE	SLD 10kW Single

Neutral Disconnect Standard Dimmers

75701	SLD 3kW Dual Dim
75721	SLD 5kW Dual Dim
75731/CE	SLD 10kW Single Dim

Neutral Disconnect Hi Rise Dimmers

75703	SLD 3kW Dual Dim
75723	SLD 5kW Dual Dim
75733/CE	SLD 10kW Single Dim

RCD Standard Dimmers

75709	SLD 3kW Dual Dim
75729	SLD 5kW Dual Dim

RCD Hi Rise Dimmers

75704	SLD 3kW Dual Dim
75724	SLD 5kW Dual Dim

Contactors Modules

75705	SLD 3kW Dual SP
75725	SLD 5kW Dual SP
75706	SLD 3.kW Dual DP
75726	SLD 5.kW Dual DP
75707	SLD 3kW Dual RCD
75727	SLD 5kW Dual RCD

Constant and Filler Modules

75760	SLD 3kW Dual SP
75761	SLD 3kW Dual DP
75766	SLD 5kW Dual SP
75767	SLD 5kW Dual DP
75780	SLD filler module

Fluorescent Modules

75775	SLD 3kW FI module
75776	SLD 3kW FI module RCD

Note: Fluorescent dimmer modules are 4 wire type

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