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
- Optional Plug in Ethernet module for direct network DMX and Status reporting
- Dual DMX inputs
- 12 Analog 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 cool operation
- Plug in dimmer modules in a wide range of capacities feature LED status indicators and are available with load status reporting
- Single 20 amp Sinewave dimmer module for silent dimming

75600A SLD 96 Dimmer Rack

Mechanical Data

Construction
Formed steel assembly
Weight:
Full Rack 223 Kg 490 lbs.(296Kg 651 lbs shipping)
Half Rack181Kg 399 lbs (198 Kg 436 lbs shipping)
Dimensions (HXWXD)
Full Rack
2050mm X 600mm X 575mm
80.7in. X 23.6in. X 22.6in.
Half Rack
1326mm X 600mm X 575mm
52.2in. X 23.6in. X 22.6in.

Environmental Data

Operating Temperature
0º to 35ºC
Storage Temperature
-40º to 70º
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 analog - 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 800 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: ISO9000, UL1950
The rack shall be CE UL & cUL listed.

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 500μs and 800 μs hi rise time chokes all SLD dimmers feature full digital dimming. All dimmer modules offer full status reporting on all module types. All dimmer feature plug in components for easy maintenance

Consult factory for information on dimmer modules with double pole circuit breakers for delta power feed applications.

Ordering information

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

Standard Dimmer Modules

75700	SLD 15A Dual Dim STD Rise
75710	SLD 20A Dual Dim STD Rise
75730	SLD 50A Single Dim STD Rise

Hi Rise Dimmer Modules

75702	SLD 15A Dual Dim Hi-Rise
75712	SLD 20A Dual Dim Hi-Rise
75732	SLD 50A Single Dim Hi-Rise

Contactor Modules

75745	SLD 15A Dual ND
75747	SLD 20A Dual ND

Constant and Filler Modules

75760	SLD 15A Dual Constant
75763	SLD 20A Dual Constant
75780	SLD filler module

Sinewave Module

75750	SLD 20A Single Sinewave