



C2I

The New Century Dimmer**Features**

- Plug in Modular Dimmer System
- Dual 2.4kW TrueSine™ Sinewave Dimmer Modules
- Dual 2.4kW SSR Dimmer Modules with 350µs, 500µs or 800µs filter chokes
- Single 6kW and 12kW modules
- Quad dimmer modules for high density applications
- Contactor modules available to control a wide range of loads
- Sinewave and SSR modules may be mixed in the same rack
- Racks are available for 24, 36 and 48 modules for top or bottom power feed
- Standard 50,000 AIC fault current rating with optional 100,000 AIC available
- Advanced technology Processor supports Ethernet Control Input with built in 4 Port Ethernet Switch
- Web Browser rack configuration
- Built-in Architectural Control
- 99 Back up Presets
- DMX input with patch
- Dual processor with full tracking back up available
- UL cUL listed



76502/120 C2I Dimmer Rack/48 Modules



Introduction

The C21 Dimming system represents premium performance and high value for all levels of users. Designed to interface directly with Strand Lighting's ShowNet Ethernet or ACN control protocol, C21 includes an Ethernet port with an integral 4 port Ethernet switch and a wide range of inputs. Two DMX inputs are standard with the second input available for use as an RS485 port to support our Outlook architectural system and 99 System Wide Control back-up presets with individual fade times.

All SSR dimmers feature high-performance chokes and three levels of rise time. The latest technology TrueSine™ Sinewave dimmers are available in dual 20 amp modules. The C21 system may be fully populated with dual Sinewave dimmers or mixed with standard SSR dimmers in the same rack offering the best in value and performance where its needed.

C21 DIMMER systems feature a universal 24, 36 and 48-module rack design that provides support for 90-260 volt operation and is UL, cUL listed.



Technical Specifications

Supply Voltage 90-260 volts 3 phase up to 800 amps.
 Approvals Rack and dimmer modules UL & cUL listed.

Mechanical Data

Construction Formed steel assembly
 Weight Full Rack: 490 lbs (651 lbs. shipping)
 Half Rack: 399 lbs (436 lbs. shipping)
 Dimensions (HxWxD)
 Full Rack: 80x24.5x23.6"
 Three Quarter Rack: 68x24.5x23.6"
 Half Rack: 57x24.5x23.6"
 Connections Ethernet CAT 5- RJ 45
 DMX Inputs 2 with patch RS 485 DMX port 2 may be used for Outlook Architectural Controls and SWC Data link for access to 99 Back up cues

Ordering Information

| Cat No | Description |
|-----------|--|
| 76502/120 | C21 Rack/48 Modules (single bottom feed) |
| 76503/120 | C21 Rack/48 Modules (single bottom feed w/Amp traps) |
| 76504/120 | C21 Rack/48 Modules (bussed bottom feed) |
| 76505/120 | C21 Rack/48 Modules (bussed bottom feed w/Amp traps) |
| 76540/120 | C21 Rack/36 Modules (single top feed) |
| 76541/120 | C21 Rack/36 Modules (single bottom feed w/Amp traps) |
| 76542/120 | C21 Rack/36 Modules (single bottom feed) |
| 76543/120 | C21 Rack/36 Modules (single bottom feed w/Amp traps) |
| 76544/120 | C21 Rack/36 Modules (bussed bottom feed) |
| 76545/120 | C21 Rack/36 Modules (bussed bottom feed w/Amp traps) |
| 76512/120 | C21 Rack/24 Modules (single bottom feed) |
| 76513/120 | C21 Rack/24 Modules (single bottom feed w/Amp traps) |
| 76514/120 | C21 Rack/24 Modules (bussed bottom feed) |
| 76515/120 | C21 Rack/24 Modules (bussed bottom feed w/Amp traps) |
| 76520/120 | C21 96-Output Rack Processor Housing & 96-Output Rack Processor Module |
| 76521/120 | C21 192-Output Rack Processor Housing & 192-Output Rack Processor Module |
| 76522/120 | C21 96-Output Spare/Backup Rack Processor Module |
| 76523/120 | C21 192-Output Spare/Backup Rack Processor Module |
| 76524/120 | C21 Dimmer Rack Spares Kit |

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