

Strand Dimming Systems



TrueSine™ Sinewave Dimmer Modules

TrueSine™ dimmers output a precise variable sinewave, with no sharp rising edges, and therefore no filament noise. TrueSine™ dimming is a must for concert venues and many houselight applications. But there's more - TrueSine™ dimming systems also eliminate triplen harmonics, meaning that the dimming system puts no noise on the power grid. With a power factor of 1, the expensive "K-rated" supply transformer and oversized neutrals are no longer required, and power company harmonic surcharges are a thing of the past. On some new installations, a 100% Strand TrueSine™ dimming system can pay for itself within the first year of operation.



Features

- Plug in Modular Dimmer System
- Dual 20 amp TrueSine™ sinewave Dimmer Modules provide a true Sinewave output for silent lamps
- Up to 96 sinewave dimmers per rack
- Sinewave and SSR modules may be mixed in the same rack
- TrueSine™ sinewave dimmers feature built in short circuit and overload protection allowing the dimmer to shutdown instantly when faults are detected
- All TrueSine™ sinewave dimmers offer dimmer status reporting as a standard feature
- Local control buttons are an available option for TrueSine™ sinewave modules
- New Circuit Breaker design for improved trip indication and smooth faceplate, eliminating breaker damage in touring applications
- All Breakers are fully magnetic

SPECIFICATION SUBMITTAL



CONSULTANT <input type="text"/>	PROJECT NAME: <input type="text"/>	MODEL NUMBER QUANTITY: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
DATE: <input type="text"/>	PROJECT NUMBER: <input type="text"/>	APPROVED BY: <input type="text"/>

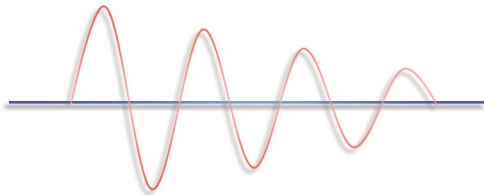
Strand Dimming Systems

Introduction

The C21 dimmer rack was developed in response to in-depth market research from key customers and consultants. The C21 has set an unprecedented industry first by providing the ability to install 96 2.4kW TrueSine™ sinewave dimmers in a single rack - greatly increasing dimming density for sinewave users.

The new dimming system allows users to freely mix dimmers of any type (both sinewave and conventional modules) within a single rack. All dual and single dimmer and contactor modules may be ordered with dimmer status reporting electronics providing system operators with a wide range of dimmer information. All dimmer status

and rack configuration is available via any Web Browser connected to the lighting network. C21 Dimmer Systems feature a universal 24 and 48-module rack design that provides support for 90-260 volt operation and are UL, cUL recognized.



Sinewave dimmer modules feature modular construction for simple component exchange

Ordering Information

Cat No Description

TrueSine™ Sinewave Modules

76561	Dual 15A TrueSine™ sinewave dimmer
76572	Dual 20A TrueSine™ sinewave dimmer

Technical Specifications

Approvals: All C21 dimmer modules are ETL and cETL marked

Mechanical Data

Construction: Heavy-duty formed aluminium

Strand Lighting, Inc.

6603 Darin Way
Cypress, CA 90630
Tel: (714) 230-8200
Fax: (714) 899-0042

Strand Lighting Europe Limited

Unit 2 Royce Road, Fleming Way
Crawley, West Sussex RH10 9JY
Tel: + 44 (0) 1293 554010
Fax: + 44 (0) 1293 554019

Strand Lighting Asia Limited

20/F Delta House,
3 On Yiu Street
Shatin, N.T. Hong Kong
Tel: +852 2757 3033
Fax: +852 2757 1767

www.strandlighting.com

© Philips Group 2008
All rights reserved.
The Company reserves the right to make any variation in design or construction to the equipment described. E&OE