

LIGHTOLIER CONTROLS

OPTIO HIGH PERFORMANCE LIGHTING CONTROL PANEL 6-MODULE 277V

Project:

Location/Type:

Description

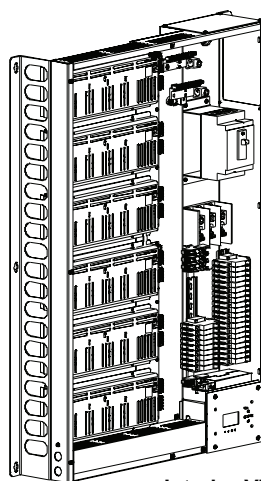
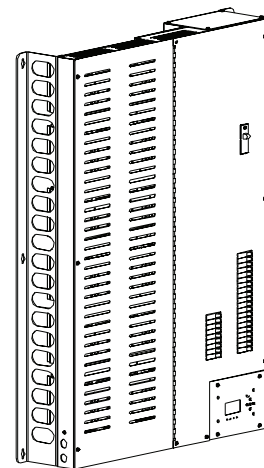
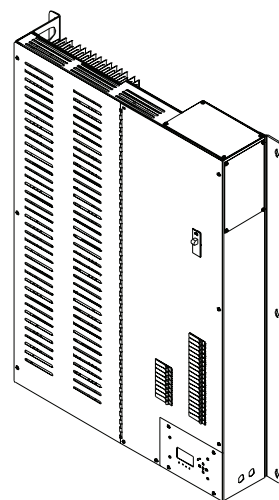
The Lightolier Controls Optio OPT6277 is a 6-module, 277V high-performance wall-mounted lighting control panel. The OPT6277 panel offers a wide range of dimming modules to accommodate any lighting control application. From incandescent to fluorescent to non-dim loads, the Optio dimming panel accepts any combination or mixture of dimming and relay modules to fit any need.

Optio lighting control panels offer fanless, natural convection cooling for quiet, maintenance-free operation.

Optio lighting control panels include an LCD Control panel for fast and simple configuration and operation. Advanced programming and system feedback are available when used with Guardian software (sold separately).

Features

- Up to 24 circuits per panel
- Modular design - install lighting-control specific modules (Dual or Quad circuit modules) to fit the load
- Dimmer modules support incandescent, neon, cold cathode, magnetic low voltage, electronic low voltage, PowerSpec HDE, Mark 10, and 3-wire phase controlled dimming fluorescent
- True relay modules available
- Communications supported - Lightolier Controls Iytemode ILS and DMX512
- Optional Pathport interface
- Compatible with Guardian and LightLynx software
- Built-in LCD control panel for set-up and diagnostics
- Compact construction - installs virtually anywhere
- Natural convection cooling; no cooling fans or air filters
- Shorting plugs on all circuits for initial circuit testing and verification
- UL and cUL listed
- UL924 listed for use in emergency lighting systems
- Optional bracket for mounting on 32 inch centers available



Interior View

Specifications

Number of Circuits:	Up to 24
Maximum Output Voltage:	277VAC
Min./Max. Dimmer Load:	25W to Full Load (Rating on Dimmer)
Supply Voltage:	277VAC, Three Phase (4 Wire)
Frequency:	60 Hz
Load Connection:	Spring Cage Connector
Line Connection:	Distribution Block
Control Communications:	Lightolier Controls ILS and DMX512
Circuit Protection:	Fully Magnetic Breaker
Cooling:	Natural Convection Cooling
Ambient Temperature:	0 to 40° C
Relative Humidity:	5 to 95% Non-condensing
Height:	42-1/2 Inches
Width:	31-1/2 Inches
Depth:	7-5/8 Inches

Ordering Info

OPT6277 Optio Dimming Panel, 6-Space, 277 Volt AC

Dual Circuit Modules:

OPT240007	Dual 4000VA SCR Dimmer, 277VAC
OPT24000HDF7	Dual 4000VA PowerSpec HDF Dimmer, 277VAC
OPT23000EB7	Dual 3000VA Advance Mark 10 Dimmer, 277VAC
OPT24000F7	Dual 4000VA 3-Wire Phase Controlled Fluorescent Dimmer, 277VAC
OPT24000RL7	Dual 4000W Relay Module, 277VAC

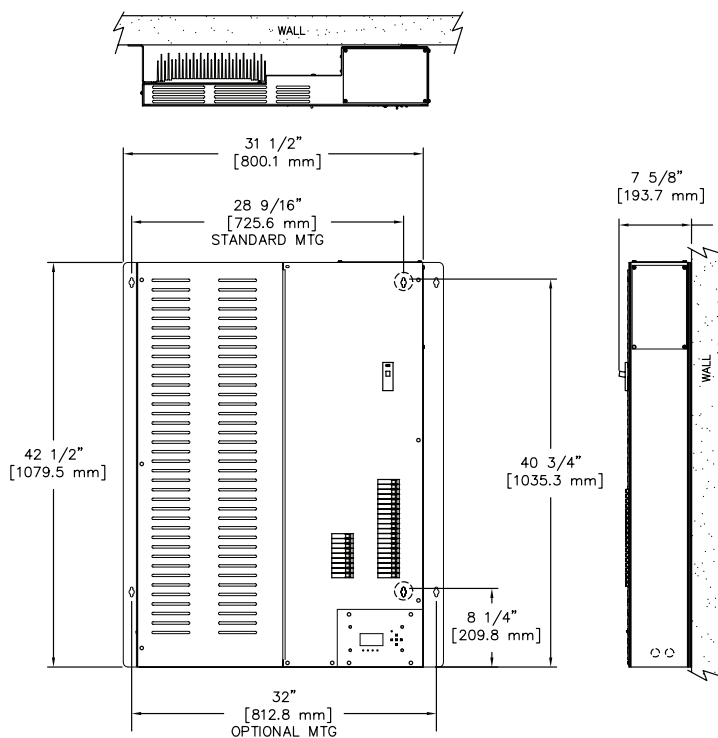
Quad Circuit Modules:

OPT440007	Quad 4000VA SCR Dimmer, 277VAC
OPT43000EB7	Quad 3000VA Advance Mark 10 Dimmer, 277VAC
OPT44000RL7	Quad 4000W Relay Module, 277VAC

Accessories/Options:

OPTBLANK	Blank Cover for Open Module Space
OPTBRKT6	Optional Mounting Bracket for 32 inch centers

Dimensions



Configuration

Optio Lighting Control Panels are custom configured at the factory to meet the requirements of each application. Optio Lighting Control Panels are available with 15 or 20A Circuit Breakers, Master or Auxiliary configurations, internal Pathport nodes, internal main circuit breakers, and other options. For ordering information, please consult with your Lightolier Controls sales office.

