



ELECTRONIC LOW-VOLTAGE DIMMING AMPLIFIER

Project: _____

Location/Type: _____

Description

The DA110QE120I Dimming Amplifier is a solid-state unit intended to control a separate electronic low-voltage lighting circuit regardless of phase. It provides a smooth dimming range using any VA-rated Lightolier® Controls wall-box dimmer, Compli Scenist® controller, or LYTEmode® dimmer module. The unit is intended for wall or ceiling mounting.

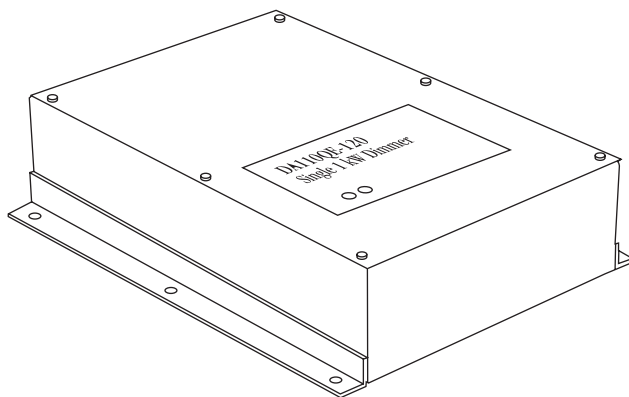
Applications

UL Listed to U.S. and Canadian safety standards for the following:

- Electronic Low-Voltage Incandescent Loads

Features

- Contains a single high quality performance dimmer rated for 1000 watts of electronic low-voltage or incandescent at 120VAC
- Can be mounted in a ceiling or wall configuration
- Reliable, solid-state circuitry
- Easily installed and wired
- Each unit is a fully enclosed, non-user serviceable module, which can be easily removed from the front and replaced
- Can be combined with any VA-rated Lightolier® Controls wallbox dimmer, Compli Scenist® controller, or LYTEmode® dimmer module



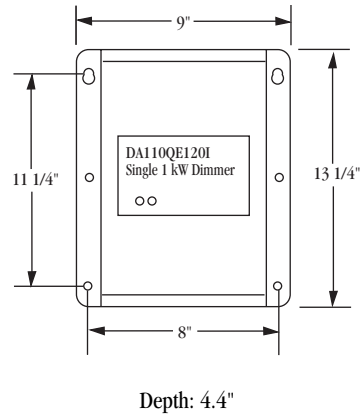
DIMMING AMPLIFIER - DA110QE120I

Product
Specifications

Specifications

Power:	One 120VAC single-phase, 20-amp circuit
Operating Voltage:	Input 108-132VAC, 60Hz Output regulated to 0.5% per 10-volt line variation
Load:	One circuit, 1000 watts electronic low voltage
Input Control Voltage:	Any VA-rated Lightolier® Controls wallbox dimmer Any VA-rated LYTEmode® dimmer module (0-120VAC) Any VA-rated Compli Scenist® controller
Operating Temp:	0°C to 40°C
Enclosure:	Fully enclosed, self-contained, single-output unit
Compliance:	UL- and cUL-listed

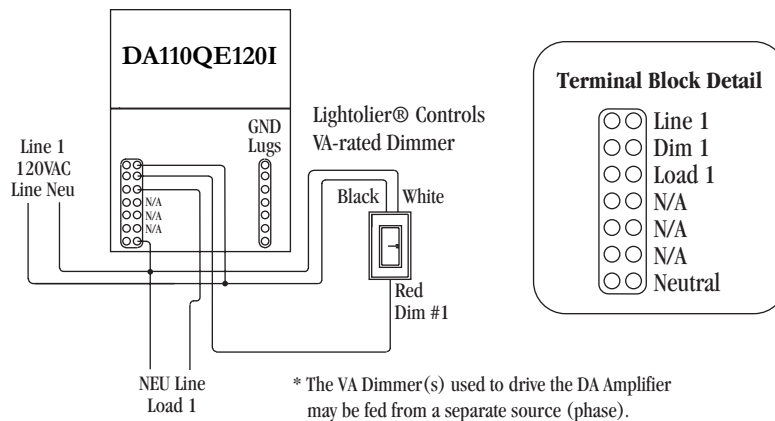
Dimensions



Wiring Diagram

Consult Lightolier® Controls for input watts per ballast to calculate number of ballasts per device output.

One-Channel Installation



- Wiring Notes:**
1. Input power must be fed from one 120-volt, 20-amp, single-pole source.
 2. The heat sink will be warm to the touch and will emit an audible hum. Mount the device in an area that is neither heat- nor noise-sensitive.
 3. If common neutrals are used for dimmed circuits, performance problems, such as lamp sing and flickering, can result.



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