

LIGHTOLIER®
CONTROLS

CS-2045II
STAND-ALONE
MICROPROCESSOR-DRIVEN
DIMMING CONTROLS

Project:

Location/Type:

Description

Compli Scenist® II Masters are designer-style, stand-alone dimming systems, featuring a wide range of programmable control functions. The systems are driven by individual micro-processors. They also can be networked for channel expansion.

Each Compli Scenist II Master unit contains four dimmers housed in a compact enclosure. The unit mounts in a deep, four-gang electrical box which can be installed easily into any new or existing structure. It is available in Ellipse or Classic Series styles.

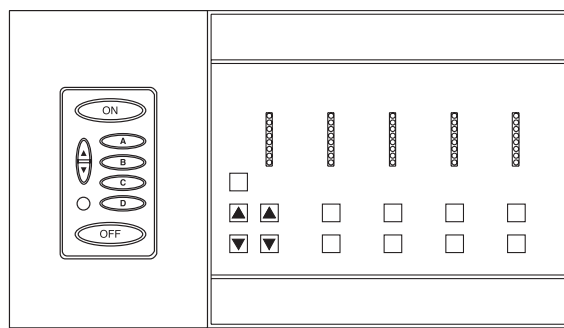
Features

- Streamlined appearance and operations.
- Networking capability—each device can be used as a stand-alone system or as part of a Compli network with other Compli Scenist II and Compli Lytemode® components.*
- Network Presets—permit selected masters to respond when buttons are pressed on other masters.
- Field-configurable—allows modifications or system redesigns to be made in the event of specification changes or remodeling.
- Illuminated on, off and scene-select pushbuttons—to help locate the device in a dark room; channels and scene buttons may also be field-labeled for easy identification.
- Oversized on and off buttons—for easy operation.
- Adjustable fade rates—permit fade-rate selection, ranging from instant to one-hour timeframes; scenes may also be changed instantly by tapping the scene button twice.
- Manual override of learned scenes—allows for instant override capabilities while retaining preprogrammed scenes.
- Distributed intelligence—ensures maximum reliability, since each unit can stand alone without relying on other devices for proper operation.
- Unified appearance—permits the unit to be teamed with other devices without sacrificing appearance.

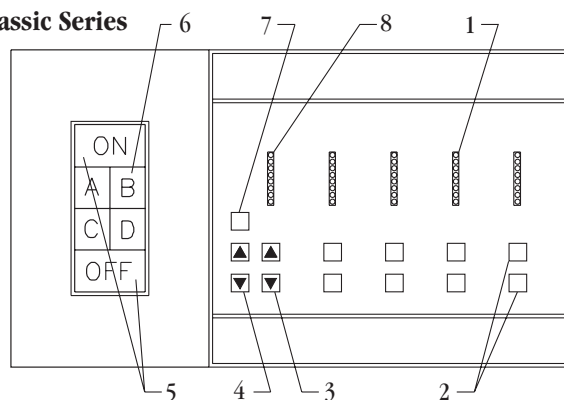
Compli Functions:

- Individual channel raise/lower.
- Master channel raise/lower.
- Five scenes, plus off.
- Adjustable fade rate for each scene, from instant to one-hour fade.
- Multiple systems networking capability.
- Programmable, non-dim channels.
- Double-tap feature for fade bypass.
- Ten-year preset retention upon power failure.
- Permanently stored system software.
- Returns to previously selected scene after power loss.
- User-programmable functions:
 - Automatic cycling
 - Electronic panel lock
 - Channel exclusion
 - Learn lock
 - Alarm mode
 - Reversible mounting position—to allow placement of the preset buttons on either side of the panel for easy access.

Ellipse Series



Classic Series



1. Channel intensity indication
2. Individual channel raise/lower
3. Fade-rate adjustment push buttons
4. Master channel raise/lower push buttons
5. Illuminated ON/OFF push button
6. Illuminated scene-select push button
7. SET push button
8. Fade-rate indication

Model	Number of Channels	Number of Scenes	Faceplate Color	Cover Color
CS-2045II	4	5 plus "Off"	Black	Black
CS-2045IIES	4	5 plus "Off"	White	Black
CS-2045IIW	4	5 plus "Off"	White	White
CS-2045IIESW	4	5 plus "Off"	White	White

* When using network remotes, a network power supply is required.

Specifications

The Compli Scenist® II Master Station consists of five programmable preset scenes (plus off). Each individual channel is capable of handling 800-watts with a maximum total load (per master station) of 2000 watts. Each device panel can be configured to match the number of channels required for a specific job. The feeder is a single, dedicated 20-amp circuit. Individual units contain all the necessary electronic components to operate independently, without the need for a central processing unit. Systems with central processors or time-share terminals should not be used in conjunction with this master station.

Manual override of individual channels can be accomplished without affecting the preset scenes. Dimming amplifiers can be used by all channels for electronic fluorescent dimming ballasts, larger incandescent, or inductive loads. In addition, any or all channels may be configured for non-dim operation.

Any number of channels can be excluded from a preset to prevent activity on those channels during scene changes. In the event of a power failure, the master station will return to the previously selected scene when power is restored.

The system contains, but is not limited to, the following functions:

- Individual channel raise/lower
- Master channel raise/lower
- Five scenes, plus off
- Adjustable fade rate for each scene, from instant to one-hour fade
- Multiple systems networking capability
- Programmable, non-dim channels
- Double-tap feature for fade bypass
- Ten-year preset retention upon power failure
- Permanently stored system software

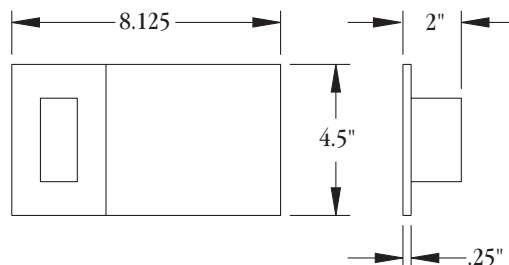
User-programmable functions:

- Automatic cycling
- Electronic panel lock
- Channel exclusion
- Learn lock
- Alarm mode
- Reversible mounting position—to allow placement of the preset buttons on either side of the panel for easy access

All control and power components are housed within one compact enclosure that mounts into a four-gang electrical box. The finish of the master station may be changed without the use of tools to conform with job requirements.

All scene-select pushbuttons are illuminated from the rear for easy identification. The intensity level of each channel and fade rate is indicated by the unit's LED bar graph. Identification labels are provided by the manufacturer for job-site application.

Dimensions



Note: Requires 4 Gang electrical box (by others)

Master stations employ standard wiring techniques. Control wire connections are made to clearly label screw-type terminals.

CAUTION: Before installation, please ensure that Compli master stations are properly grounded to earth ground, per N.E.C. requirements.

Electrical Specifications:

- Input power: 105-132 VAC, 20A
- Output stage: Four 800-watt dimmers, with a maximum of 2000 watts per master
- Larger loads can be controlled using Lightolier® Controls "I" Series Dimming Amplifiers
- Temperature
 - Storage: -25° to -85° C
 - Operating: 0 to 40° C
- EMC: Electromagnetic compatibility specifications will be met only if the unit is properly installed and grounded.
- ESD: 17kV, per IEC Publication 801-2 (1984)
- Power line transient: 4kV @ 4650 Joules 15 usec. per IEEE ANSI-C62.41

Finishes:

- Standard: White faceplate with a smoked-tinted door
- Options: Black; Ivory; Grey; Polished brass; Polished aluminum; White trim, white labels and clear push buttons

Wiring Diagram

