

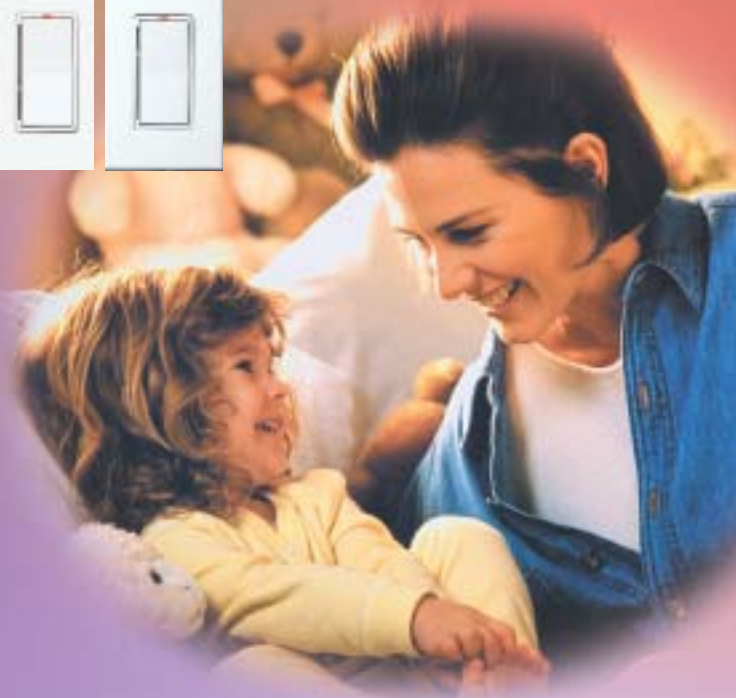
COMPOSE™ PLC

RETROFIT PROFESSIONAL LIGHTING CONTROL

ALL THE FEATURES OF BRILLIANCE II AND MULTISSET PRO WITHOUT ADDITIONAL WIRING



Room



COMPOSE™ POWER LINE CARRIER

Convert every room in the house into elegant, multi-lighting scene control without the added expense and headache of extra wiring. Compose™ is a power line carrier (PLC) dimming and/or centralized lighting control system that adds convenience, comfort and functionality to your space.

DIMMERS & MASTERS

Control all the Compose™ PLC devices within the house from convenient locations. Create whole-house lighting scenes or use preset scenes for room's and open areas of your home.

- No additional wiring
- Centralized Multi-room control (CM)
- 5-Preset scene dimming system room/area control (CP)

TWO-WAY VISUAL COMMUNICATION

Compose™ PLC products have two-way communication. Master Control Station (CM) buttons illuminate, indicating when a controlled room (CI/CP/CC) is turned on or off.

PROFESSIONAL LIGHTING CONTROL

Enhance the feeling of your home with custom lighting scenes for every occasion. Use your imagination to create the perfect look for every room with easy push button control. Slow fade rates blend the lighting with your desired use of the space to create the perfect scene. By simply tapping the "Scene" buttons Compose™ PLC can elegantly illuminate and fade lights to any level.

Room Scenes - Compose™ PLC lets you customize 5 lighting scenes for each room or open area, using fade rates specific to each scene.

Whole-House Scenes - Create soft lighting scenes for the your home to improve comfort, entertain guests, illuminate walkways, or feel more secure.

STYLISH LOOK

The 5- and 8-scene Master Control Stations are available in two series: the Classic and Ellipse series. Each series gives a clean look and beautiful finish to any room. Each button in the Ellipse series has a built in universal receiver and can be custom engraved (optional, with our laser-engraving process; see page 31). The Classic series comes with over 120 labels to identify each button as desired.

FILTERS

Filters (CPLCIF20/CPLCIF5) may be used to reduce excessive noise on the powerline caused by electronic transformers, electronic fluorescent ballasts, electrical appliances and other devices. Typically additional filters are not necessary on most applications using a PLC Firewall™.

PLC FIREWALL™

AMPLIFIER/REPEATER/FILTER

PLC Firewall™ serve two functions: to **isolate** Compose™ PLC circuits from the rest of the house and outside sources and to **amplify and repeat** the Compose™ PLC signal for maximum communication. This device is required for every circuit controlled by a PLC device.

†**For Optimal Compose™ PLC Performance**
Lightolier® Controls requires the use of CPLCFW4, CPLCFW8 (Compose™ PLC Firewall™) to reduce communication interference from external devices; i.e. television, computers, baby monitors and other plug-in devices.



Please refer to the general notes and product family notes on pages 34-35 before ordering.



✓ For New or Retrofit Installation

= Individual Dimmer Control (CI)

= 5 Preset Scene Dimming System Room Control (CP)
Maximum 10 Compose™ PLC devices per room

= Centralized Multi-Room Control (CM)
Maximum 16 rooms

= PLC Firewall™
CPLCFW



Ordering Guide

Compose™ PLC Products

DESCRIPTION	ITEM NUMBER	COLOR SUFFIX	WATTAGE CAPACITY	WIRING DIAG. PP. 32-33	NOTES PP. 34-35
INDIVIDUAL ROOM DIMMER					
Inductive*	C1600VAPLC	-W-I-AL	600VA	B	1C
Electronic Non-Dim Switch*	C11000VAPLC	-W-I-AL	1000VA	B	1C, 1J
	C11000NDPLC	-W-I-AL	1000VA	B	1J
Remote Multi-Location/3-Way Remote	CPR3	-W-I-AL		BB	
5 PRESET SCENE DIMMERS					
Portable Lamp Module Inductive*	CP300VALAMP		300VA		
	CP600VAPLC	-W-I-AL	600VA	BB	1C
	CP1000VAPLC	-W-I-AL	1000VA	BB	1C, 1J
Electronic Non-Dim Switch*	CP1000NDPLC	-W-I-AL	1000W	BB	1J
Remote Multi-Location/3-Way	CPR3	-W-I-AL		BB	
CONVERTIBLE DIMMERS					
Inductive*	CC600VAPLC	-W-I-AL	600VA	BB	1C
Inductive*	CC1000VAPLC	-W-I-AL	1000VA	BB	1C, 1J
Non-Dim Switch*	CC1000NDPLC	-W-I-AL	1000VA	BB	1C, 1J
Whisper™ Fan Control	CCWHISPLC	-W-I-AL	1.5 Amps/3-speed	B	
5 PRESET SCENE DIMMING SYSTEM MASTER CONTROL STATIONS*					
Classic Series 5-Scene Master	CP5PLC	-W-I-AL		BB	
Ellipse® Series 5-Scene Master	CP5ESPLC	-W-I-AL		BB	
CENTRALIZED MULTI-LOCATION MASTER CONTROL STATIONS*					
Classic Series 6-Button Master	CM6BPLC	-W-I-AL		BB	
Classic Series 8-Button Master	CM8BPLC	-W-I-AL		BB	
Ellipse® Series 6-Button Master	CM6BESPLC	-W-I-AL		BB	
Ellipse® Series 8-Button Master	CM8BESPLC	-W-I-AL		BB	
PLC FIREWALL™ OPTIONS					
PLC Firewall™, 4-Circuit	CPLCFW4		4x20Amp		4A
PLC Firewall™, 8-Circuit	CPLCFW8		8x20Amp		4A
PLC Firewall™, Rough-In Enclosure	CPLCFWENC				
PLC Firewall™, 4-Circuit Interior	CPLCFW4INT		4x20Amp		4A
PLC Firewall™, 8-Circuit Interior	CPLCFW8INT		8x20Amp		4A
COMPOSE™ PLC OPTIONS					
Time Clock Control Station	CM8TCR				
One Circuit Noise Reducer	CPLCNR1				4A
In-Line Filter	CPLCILF20		20Amp		
Plug-In Filter	CPLCPF5		5Amp		
Surge Protector, 2-Phase	CPLCSP2				4B
Surge Protector, 3-Phase	CPLCSP3				4B
Communication Interface Card	CPLCOMM				
Input/Output Relay Card	CPLCRLY				
Signal Analyzer	CPLCSA				
CUSTOM ENGRAVING**					
Custom-Engraved 6-Button Ellipse® Series Membrane	CE6BES				
Custom-Engraved 8-Button Ellipse® Series Membrane	CE8BES				
WIRELESS REMOTE					
Handheld infrared transmitter Ellipse® Series	CLMIRTES				



CC600VAPLC/ CP600VAPLC/ C1600VAPLC Dimmer



CP5ESPLC/CM6BESPLC Ellipse® Series



CP5PLC/CM6BPLC Classic Series



CM6BESPLC Ellipse® Series



CM6BPLC Classic Series



CLMIRTES



BKEY*



CPLCRLY



CPLCOMM Communication Interface Card



PLC Firewall™ CPLCFW4 (CPLCFW8 shown)

† Requires the CPLCRLY card (sold separately) to operate with the Compose™ PLC system.

* Shown with Compli Designer Faceplates; sold separately. See pages 28-29. Also fits designer-style faceplates by others.

** For more information on custom engraving, see page 31.

▼ Neutral connection required.

All 600W strap dimmers can be installed into a multi-gang configuration to fully rated load without derating. See page 34, note 1C for load calculations.

Features:

Individual Dimmer Control (CI)

The perfect solution when you have only 1 or 2 dimmers/switches within a room.

- Each dimmer has an elegant fade to your favorite preset lighting level and off.
- Red LED night light
- Fits standard decorator-style faceplates

Convertible Dimmers (CC)

- All the features and benefits of CI/CP dimmers
- Simplify design and installation. CC dimmers convert to preset or individual operation after installation

5 Preset Scene Dimming System Room Control (CP)

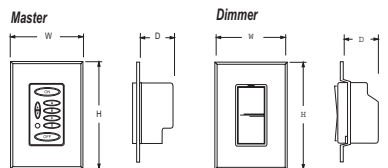
- 5 Programmable lighting scenes
- Up to 10 dimmers/switches/master control stations within a room
- Fade lighting on/off and between preset scenes
- Illuminated preset buttons
- Fits standard decorator-style faceplates

Centralized Multi-Room Control (CM)

- Each button can control individual rooms, multiple rooms, pathways of light or panic functions
- Every button is programmable to control Compose™ PLC, CI and CC devices
- For consistent, reliable operation, use with the Compose™ PLC CPLCFW4/CPLCFW8 (PLC Firewall™).

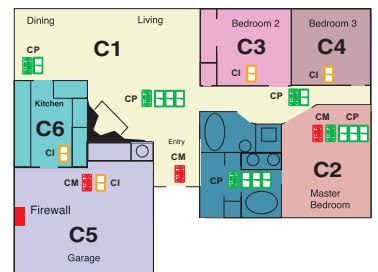
Dimensions:

Master:	Width (W)	Height (H)	Depth (D)
Strap	= 2.75"	4.5"	1.2"
Dimmer:	Width (W)	Height (H)	Depth (D)
Strap	= 2.75"	4.5"	1.37"



Compose™ PLC Typical Floor Plan
Uses existing standard residential wiring

Hint: Use CP dimmers and masters to create elegant lighting scenes for open areas. When used, the signal communication speed is also greatly increased.



Color Code		
White	Ivory	Almond
W	I	AL