



capio plus®

ILS-CP24, 24 MODULE RACK

ILS-CP48, 48 MODULE RACK

Project:

Location/Type:

Description

The Capio Plus® Dimmer Rack provides the performance and energy efficient advantages of Insulated Gate Bipolar Transistor (IGBT) dimmer technology in a high-density rack. The Capio Plus Dimmer Rack is available in two sizes, a 24-space (48 circuit) rack and a 48-space (96 circuit) rack, and accommodates any combination of high-efficiency Capio Plus IGBT Dimming Modules.*

The Capio Plus Dimmer Rack can be controlled by either Lightolier® Controls Lytemode® ILS protocol, DMX512, or TCP/IP over Ethernet.** Guardian NT software (sold separately) allows the dimmer rack to communicate dimmer status, load conditions (including short-circuits), and individual dimmer temperature over an Ethernet network.

The Capio Plus Dimmer Rack includes an active thermal management system, which activates the cooling fan as needed. On rare occasions, the rack will automatically adjust the rise time of dimming modules for cooler operation. For acoustically sensitive applications, Fan Mufflers and Vibration Isolation Pads are available.

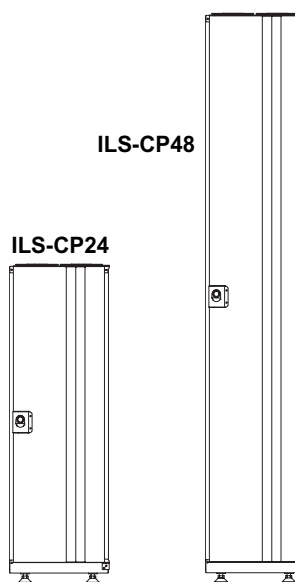
Capio Plus Dimmer Racks are contractor friendly, featuring front-access to all wiring connections and ample wiring space. Wiring may enter the dimmer rack through the top, bottom, or sides. Optional busing kits facilitate wiring between multiple racks.

* Total amperage of Capio Plus modules cannot exceed the maximum amperage of the Capio Plus Dimmer Rack.

** Lytemode ILS Protocol is a proprietary Lightolier Controls protocol operating over Cat5e wiring to Lytemode compatible controls. DMX512 compatible control via Pathport® protocol via TCP/IP over Ethernet, 10Base-T.

Features

- Available in 24 space (48 circuit) and 48 space (96 circuit) cabinets
- Intelligent IGBT Microprocessor controlled dimmer circuit
- Control by Lytemode® ILS, DMX512, and Pathport® DMX Management over Ethernet protocols
- Slim profile, high-density rack features sleek styling
- Ample wiring space with front access. Wiring may enter rack from top, bottom, or sides.
- Locking door with integral electrostatic air filter
- Multiple racks can be bused together (requires Busing Kit)
- Ground bus optional
- Fan cooled (for Fan Muffler option, refer to specification sheet 87-0501)
- Leveling feet included



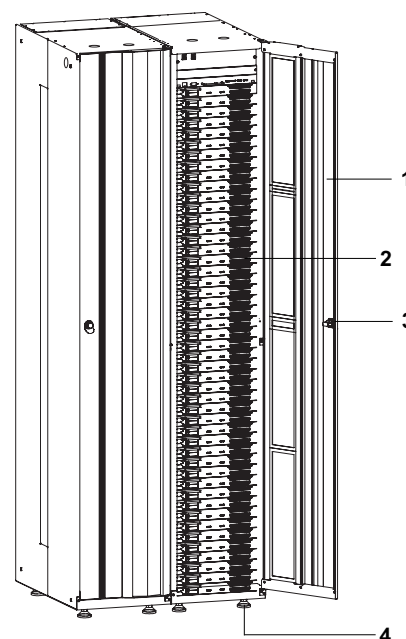
Ordering Info

ILSCP24	IGBT Dimmer Rack (24 space)
ILSCP48	IGBT Dimmer Rack (48 space)
ILSCPRCM	Capio Plus Rack Control Module (Required)
ILSLMPSC	Lytemode Network Power Supply
CP15HP	IGBT High Performance Dual 15A Dimmer Module (800µS)
CP20HP	IGBT High Performance Dual 20A Dimmer Module (800µS)
CP15CC	IGBT Dual 15A Constant Circuit Module
CP20CC	IGBT Dual 20A Constant Circuit Module
CP15ND	IGBT Dual 15A Non-dim Module
CP20ND	IGBT Dual 20A Non-dim Module
CP50	IGBT High Performance Single 50A Dimmer Module (maximum 10 per rack) (800µS)
CP20HDF	PowerSpec® HDF Fluorescent Dimming Module
CPBLANK	Blank Module (required for empty module slots)
CPBUS24	Busing Kit for ILSCP24 (400A maximum)
CPBUS48	Busing Kit for ILSCP48 (800A maximum)
CPFM	Acoustic Fan Muffler
CPPAD24	Vibration Dampening Pads (24 space)
CPPAD48	Vibration Dampening Pads (48 space)
CPSPARES	Spare Parts Kit (Fuses, hardware, manuals)

Specifications

	ILSCP24	ILSCP48
Number of module spaces:	24	48
Total Amperage:	320A per phase	640A per phase
Max number of dimmers:	48	96
Number of DMX512 inputs:	2	2
Ethernet connectors:	1	1
Number of panic inputs:	2	2
Feed:	120/208 VAC 3-phase, 4-wire + GND 400A maximum	120/208 VAC 3-phase, 4-wire + GND 800A maximum
Line & Neutral feed lugs for:	(2) 600kCM-(2) #2 AWG per phase and neutral	
Ground lugs for:	#2/0 - #14 AWG (Ground Bus optional)	
Load wire terminals for:	(1) #4-14 AWG or up to (2) #8 AWG	
Load Types:	Incandescent, Magnetic or Electronic Low Voltage, Inductive, Neon, Cold Cathode, and Fluorescent	
Control:	Accepts Lytemode® ILS, USITT DMX512, and Pathport® DMX Management over Ethernet protocols	
Cooling:	10" Fan	10" Fan
Acoustic Treatment:	Optional Fan Muffler (Model CPFM)	
Access:	Locking door with integral electrostatic air filter	
Height:	46" (116.84cm)	82" (208.28 cm)
Width*:	14.25" (36.20 cm)	14.25" (36.20 cm)
Depth:	25.75" (65.41 cm)	25.75" (65.41 cm)
Weight (empty):	135 lbs (59.8 kg)	215 lbs (90.7 kg)
Weight (full):	205 lbs (93 kg)	350 lbs (157 kg)
Construction:	16-gauge steel, finished with textured black paint includes a sleek aluminum door with integral air filter and lock. Leveling feet are also included.	

* An additional clearance of 2 inches is required at right-most rack for door operation



- 1 Door with integral electrostatic air filter
- 2 Dimmer Module (sold separately)
- 3 Lock
- 4 Leveling feet (x4)

NOTE: Multiple racks of the same size can be bused together using a Capio Plus Busing Kit (sold separately).
CPBUS24 (for 24 space racks)
CPBUS48 (for 48 space racks)



Philips Lighting Controls
2828 Trade Center Drive, Ste 130B
Carrollton, Texas 75007



Technical/Sales assistance: 1-800-526-2731
Made in U.S.A.
www.philipslightingcontrols.com P/N 87-0317D