

# LynTec LCLC 326-xx Lighting Control Load Center

DMX controlled, AC power remote control for lighting circuits

## Breaker types, sizes, positions and connections

Job \_\_\_\_\_

Panel \_\_\_\_\_

Comments \_\_\_\_\_

by \_\_\_\_\_ Date \_\_\_\_\_

Each motorized breaker is actuated by a command from a DMX control device.  
 As-built door label example:  
 The DMX # \_\_\_\_\_ is the DMX address of this breaker.  
 The board jumpers set the DMX address of the #1 position of the board.  
 Positions 2 to 10 are subsequent addresses. Example: #1= 201, #2 to #10 = 202 to 210.  
 Bold line around box  = **suggested** control board: #1 (Top), #2 or #3.  
 Fill in  box to indicate which control board this breaker is connected to.

LC-10M Master & LC-10S Slave circuit boards in left-hand, low-voltage cabinet.

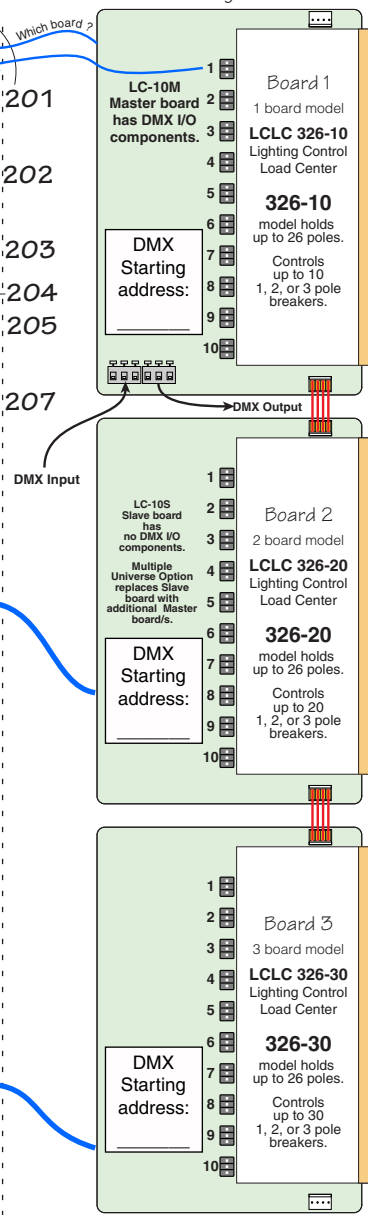
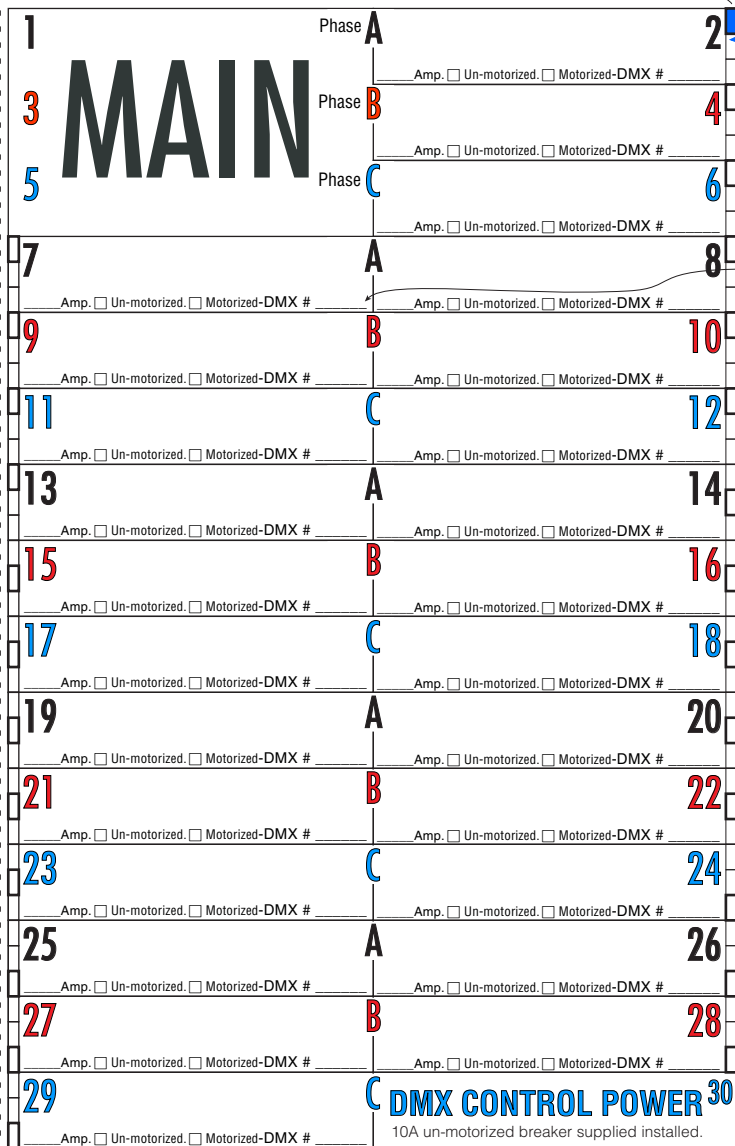
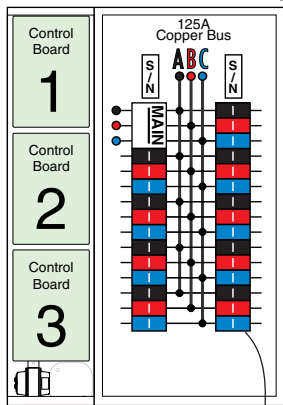
Transfer as-built information to the door.

Keep this sheet for as-built documentation.

Available as PDF download  
[www.lyntec.com/139-0376\\_LCLC326Plnr.pdf](http://www.lyntec.com/139-0376_LCLC326Plnr.pdf)

**LynTec**  
**Lighting Control Load Center**  
**LCLC 326-xx**  
 -xx = Maximum number of controlled breakers.  
 See right side of page for model number for explanation.

Cabinet Outline — Surface mount only



### How it works

The **DMX CONTROL POWER** circuit breaker powers the circuit boards via a 24 volt transformer.

Motorized circuit breakers (face-marked **REMOTELY OPERATED**) are individually actuated by a command from a remote DMX control device.

Each numbered LED indicates the status of that addressed breaker.

Lit = ON, Unlit = OFF  
 Flashing = command execution in progress.

Each circuit board controls up to ten 1, 2 or 3 pole motorized circuit breakers.

Master and Slave boards are used depending on the number of DMX universes served. (Slaves have no DMX input or output components).

DMX signals are fed to the Master board of each DMX universe system.

Power and DMX data are daisy-chain fed board-to board by the yellow jumper connectors.

The **STARTING** DMX address is set for each board by jumpers.

The DMX Output is an optoisolated, Buffered, Loop-Thru for driving other DMX devices. Output data availability is indicated by a flickering LED.

#### MANUAL CONTROL

The circuit breakers may be manually controlled by the TEST switches on each board.

The test switches work in the absence of a DMX signal. A valid DMX signal, indicated by a flashing **Receiving DMX** LED overrides the test switches.

[www.LynTec.com](http://www.LynTec.com)  
 800-724-4047  
 8-5 Central Time

Square D QO327M100 Load Center with LynTec low-voltage sidecar

Standard back-fed Main Breaker QO3100VH. 100A, [VH = 22kAIR]. Main options — Part# suffix

**BOLD FACE** = Amps  
 -M3030, -M3035  
 QO3xx [all 10kAIR]

-M3050, -M3060, -3070, or -M3090  
 QO3xxVH [all 22kAIR]  
 [Amps Interrupt Rating]

Wire: #4 - 2/0 kcmil Cu

Outside Dimensions  
 20.9" w., 29.8" h., 3.9" d.  
 Surface mount only.

### DMX PROTOCOL for LynTec LC series

Code Range (8 bit)	%	Circuit Function
0-63	0-24	Turns breaker off. When applied to all breakers simultaneously, they turn OFF at a .25 second step rate.
64-191	25-74	No change
192-255	75-100	Turns breaker on. When applied to all breakers simultaneously, they turn ON at a .25 second step rate.