

## LCP 341-xx-M225 Planner & Literature Selector

The **LCP 341-xx-M225** is a Three Phase Panelboard having a main breaker of 150A-225A, 65k AIR, 200% Neutral and bolt-on breakers.

It will hold and DMX control up to a maximum of 41 one-pole or 20 two-pole branch breakers.

-XX = maximum number of DMX controller circuits, -10, -20, -30, -40 or -50

**LCP 341-xx-M225 Panel Planner only** ..... [Next page](#)

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### Other LCLC Lighting Control Load Center Literature

**LCLC 326-xx** ..... [DOWNLOAD](#) [PDF](#)

3Ø, 50A to 100A Main, 22k AIR, up to 26 one-pole or 13 two-pole branch circuits

-XX = maximum number of DMX controller circuits, -10, -20 or -30

**LCLC 329-xx** ..... [DOWNLOAD](#) [PDF](#)

3Ø, Main Lug Only, 200A bus, up to 29 one-pole or 14 two-pole branch circuits

-XX = maximum number of DMX controller circuits, -10, -20 or -30

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3Ø, 50A to 100A Main, 22k AIR, up to 38 one-pole or 19 two-pole branch circuits

-XX = maximum number of DMX controller circuits, -10, -20, -30 or -40

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3Ø, 150A to 225A Main, 25k AIR, up to 41 one-pole or 20 two-pole branch circuits

-XX = maximum number of DMX controller circuits, -10, -20, -30 or -40

### Other LCP Lighting Control Panelboard Literature

-XX = maximum number of DMX controller circuits, -10, -20, -30, -40 or -50

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3Ø, 150-225A Main, 65k AIR, up to 41 one-pole or 20 two-pole branch circuits, 200% Neutral

**LCP 341-xx-M400** ..... [DOWNLOAD](#) [PDF](#)

3Ø, 400A Main, 65k AIR, up to 41 one-pole or 20 two-pole branch circuits, 100% Neutral

**LCRP-10 series Lighting Control Relay Panel** . [DOWNLOAD](#) [PDF](#)

Contains 4, 8 or 10 DMX controlled 120v or 277v., 20A relays.

**DMX Remote Breaker Options** ..... [DOWNLOAD](#) [PDF](#)

To add DMX control of motorized breakers in existing Square D panels.

# Planning and Layout Worksheet — As-built door label

## LCP 341-xx-M125 to -M225 Lighting Control Panelboard

Breaker types, sizes, positions and connections

Job \_\_\_\_\_  
 Panel \_\_\_\_\_  
 Comments \_\_\_\_\_

Transfer as-built information to the door label upon completion.

Keep this sheet for as-built documentation

Available as PDF download  
[www.lyntec.com/139-0379\\_LCP341-M225Plnr.pdf](http://www.lyntec.com/139-0379_LCP341-M225Plnr.pdf)

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, #3 or #4.  
 Fill in [ ] box to indicate which control board this breaker is connected to.

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

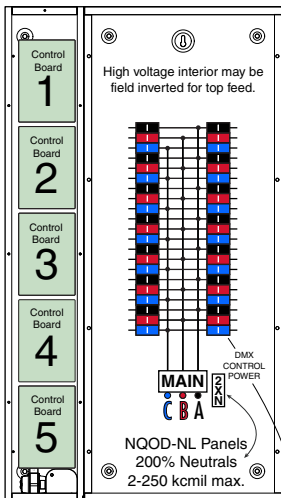
LC-10M Master & LC-10S Slave circuit boards in left-hand, low-voltage cabinet.

| Code Range (8 bit) | %        | Circuit Function — NOTES  |
|--------------------|----------|---|
| 0                  | 0%       | No change - Keep previous command. A zero or CLEAR command remembers the command preceding it. After a 0 command, this channel awaits a new command.              |
| 1 - 24             | 1 - 9%   | All breakers OFF — 0.25 sec. step rate. <b>DMX Override Test, All OFF command.</b> Must be sent to first address on each board. Overrides all other DMX commands. |
| 25 - 50            | 10 - 19  | This breaker, Instant OFF. When sent to all breaker addresses simultaneously, they turn OFF at a .25 sec. step rate.  |
| 51 - 65            | 20 - 25  | This breaker, OFF in 1 minute. Green breaker LED will flash during countdown.   |
| 66 - 80            | 26 - 31  | This breaker, OFF in 2 minutes  |
| 81 - 95            | 32 - 37  | This breaker, OFF in 3 minutes  |
| 96 - 110           | 38 - 43  | This breaker, OFF in 4 minutes  |
| 111 - 126          | 44 - 49  | This breaker, OFF in 5 minutes  |
| 127 - 133          | 50 - 52  | BLONK - 8 sec. LONG blink. An 8 sec. power off reset for unresponsive luminaires. Must be preceded by an ON command - NOT an All On.                              |
| 134 - 191          | 53 - 74  | This breaker, Instant ON. When sent to all breaker addresses simultaneously, they turn ON at a .25 sec. step rate.  |
| 192 - 223          | 75 - 87  | All breakers ON — 0.25 sec. step rate. <b>DMX Override Test, All ON command.</b> Must be sent to first address on each board. Overrides all other DMX commands.   |
| 224 - 255          | 88 - 100 | All breakers ON — 1 sec. step rate.   |

### LCP 341-xx-M125 to -M225 (65k AIR main) - 225A bus

xx = Number of controller circuits  
**10, 20, 30, 40 or 50.**

Cabinet outline - Surface mount only  
 Outside dimensions: 28.06" w., 50" h., 6.13" d.  
 Knockout panels supplied in both ends.



Square D NQOD-NL MB Panel with LynTec sidecar.  
 Standard LCP Main Breaker: 225 Amp. - 65k AIR - M225 Square D# MJGP36225  
 Main Breaker options — Part# suffix  
**Bold** = Amps -M125, M150, -M175 or -M200 (all 65k AIR)  
 [Amps Interrupt Rating]  
 Main Breaker wire: 3/0-350 kcmil Al/Cu.  
 200% Neutral has one feed lug that accepts two 250 kcmil Cu wires.

