

# Specifier's Guide for LynTec Lighting Control Panels

## Load Center and Panelboard part number explanation

Load Center — Panelboard — *What's the difference?*

**Panelboards** are the electrician's choice because they have 3 times the wiring space. Panelboards are used when bolt-on breakers, 200% neutrals or high circuit counts are required.

**Load Centers** are typically used where the circuit count isn't high, offering the lowest cost.

### Lighting Control Panelboards

**LCP 341- 30 -2U -MJG3200**

**341**: 41 Number of available single pole circuit breaker spaces  
3 = 3 phase 208/120v, 4 wire

**30**: Control board capacity—will drive up to this number of 1, 2 or 3 pole motorized breakers  
10, 20, 30, 40, 50

**2U**: number of DMX512 Universes  
1U, 2U, 3U, 4U, 5U

**MJG3200**: -Main breaker & -Main Lug Only options SEE BELOW

Panelboard A&E Specs  
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### 3 Phase Panelboards

#### 400 A Panelboard

The standard LCP 341-xx-M400 has a LA36400, 3 pole, 400 Amp main breaker (115 kVA). 10kAIR [Amps Interrupt Rating].  
Optional main breakers — call for price and delivery.

**-MLO (Main Lug Only)** is an option.

#### 225 A Panelboard

The standard LCP 341-xx has a JGP36225, 3 pole, 225 Amp main breaker (65 kVA). 65k AIR [Amps Interrupt Rating].  
Optional main breakers [All 65kAIR]  
125A ..... -MHG3125 (36 kVA transformer)  
150A ..... -MJG3150 (45 kVA)  
175A ..... -MJG3175 (50 kVA)  
200A ..... -MJG3200 (60 kVA)  
**-MLO (Main Lug Only)** is an option.

### Multiple DMX512 Universe Option

LynTec Lighting Control panels have the option of multiple universe control. All LC-10 boards service up to 10 - one, two or three pole motorized breakers. The first/top control board is always a LC-10M Master board. The Master board has the opto-isolated DMX512 input and opto-isolated, buffered, feed-thru output components.

In a standard one-universe system, the subsequent boards are slaves. The lower-cost, LC-10S Slave boards have their own starting address, but derive their opto-isolated DMX data from the Master board above.

When multiple universes are desired, two or more LC-10M Master boards are supplied.

Each universe requires a Master board. Any Master may have one or more subsequent slaves. See page 3 for possible board counts in each type panel.

*Please include Branch Breakers to complete your specification.*

### Lighting Control Load Centers

**LCLCH 341- 30 -2U -MQD3200**

**LCLCH**: **H option** 65k AIR Main Breaker. Amps Interrupt Rating (Available only on 341)

**341**: 326 Number of available single pole circuit breaker spaces  
3 = 3 phase 208/120v, 4 wire

**30**: Control board capacity—will drive up to this number of 1, 2 or 3 pole motorized breakers  
10, 20, 30, 40

**2U**: number of DMX512 Universes  
1U, 2U, 3U, 4U

**MQD3200**: -Main breaker & -Main Lug Only options >>>>>>

Load Center A&E Specs  
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### Load Center Main Breaker Options

#### Large 3 Phase Load Center

The standard LCLC 341-xx has a factory installed, 3 pole, 225 Amp main breaker (65 kVA transformer) [25kAIR Amps Interrupt Rating].  
Optional main breakers [All 65kAIR]  
150A ..... -MQD3150 (45 kVA)  
175A ..... -MQD3175 (50 kVA)  
200A ..... -MQD3200 (60 kVA)  
**-MLO (Main Lug Only)** option:  
We only stock LCLC panels with main breakers. If your specification requires a **-MLO** we will provide it at the same price as the standard panel.

**Higher Interrupt Current Option**  
LoadCenter: OGL32xxx series 65k AIR main breaker— 150, 175, 200 or 225A  
Add the **H** to the model type. Example: LCLCH 341.

#### Small 3 Phase Load Center

The standard LCLC 326-xx has a bracket-retained, clip-on, back-fed, 3 pole, 100 Amp main breaker.

Optional main breaker sizes available:  
⊗ 30A ..... -M3030 (7.5 kVA transformer)  
⊗ 35A ..... -M3035 (10 kVA)  
+ 50A ..... -M3050 (15 kVA)  
+ 70A ..... -M3070 (20 kVA)  
+ 90A ..... -M3090 (25 kVA)

⊗ 30A & 35A: 10kAIR  
+ 50A up: 22kAIR (Amps Interrupt Rating)



**RBLC-10 or RBLC-20**  
10 or 20 circuit  
Remote Breaker Lighting Controller  
Provides DMX control for any Square D QO panel by using **BMB** or **MB** breakers.