

ARCHITECT'S and ENGINEER'S SPECIFICATIONS
DMX Controlled A.C. Load Center

All A.C. power for the lighting system shall be supplied from a DMX controlled source capable of being remote controlled via a DMX 512 bus.

Controlled circuits shall be controlled by a branch circuit breaker with an integral motor control.

The DMX Breaker Control system shall have brownout protection; monitoring the line voltage and disabling DMX command execution if the line voltage drops below 95 volts for more than 2 seconds.

The DMX Breaker Control system shall have EDO (Emergency DMX Override) capability triggered by external contacts. An external EDO contract closure shall override all DMX commands and recall a stored Emergency on/off scenario.

Un-controlled circuits, as required, shall be supplied from the same A.C. source so that a single lever main circuit breaker may control all.

Three phase load centers shall have 100% neutrals. (Use LCP series if 200% neutrals are required)

All branch circuit breakers shall be clip-on. (Use LCP series if bolt-on branch breakers are required)

The model shall be the LynTec model LCLC xxx series DMX Controlled Load Center.

Manufacturer shall warrant specified equipment to be free from defects in materials and workmanship as follows: at least (15) months from date of purchase for line voltage equipment; at least (5) years from the date of purchase for control electronics.

Part number suffix **-10** controls 10 branch breakers, suffix **-20** controls 20 branch breakers and so on. One, two or three pole motorized breakers require only one control address/circuit.

Three Phase, small cabinet, 26 usable poles, 100A back-fed main breaker, 10k AIR: **LCLC 326-10, LCLC 326-20, LCLC 326-30.**

Main Breaker Options (all 10k AIR): **-M3030 = 30A, -M3035 = 35A, -M3050 = 50A, -M3060 = 60A, -M3070 = 70A, -M3090 = 90A.**

-MLO Main Lug Only

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Three Phase, large cabinet, 42 usable poles, 225A main breaker, 25k AIR: **LCLC 341-10, LCLC 341-20, LCLC 341-30, LCLC 341-40.**

Main Breaker Options (all 25k AIR): **-M3150 = 150A, -M3200 = 200A.**

-MLO Main Lug Only

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