

Step 1: Determine Mounting Location for LumiSmart ILC

LumiSmart ILC must be mounted onto a vertical surface approved for electrical appliances by your local Electrical safety Authority. Follow all applicable local and National electrical safety codes.

NOTE: The wire length between the LumiSmart ILC and Electrical Distribution Panel must not exceed 100 ft./30.5m.

Mount the LumiSmart ILC indoors where ambient room temperature is between 32 °F and 104 °F (0 °C and 40 °C) and a relative humidity of < 90% (non-condensing).

Step 2:

The LumiSmart ILC can only be mounted vertically on approved surfaces. Mount in a location where the LCD Screen is visible and accessible.

Step 3:

Vertically mount LumiSmart ILC near breaker panel ensuring electrical wiring reaches desired breakers.

Step 4:

Power down breaker and/or complete breaker panel and connect LumiSmart ILC to desired lighting circuit following the Wiring Guide (**20 amps Maximum per LumiSmart ILC unit**).

Step 5:

Power up breaker and/or complete breaker panel and lighting fixtures.

Step 6:

Select the program to use for the light circuit by pressing "Mode" using the up/down arrows, then press "Power" and use the up/down arrows to control the energy level to the desired amounts.

⚠ DO NOT INSTALL WHILE ENERGIZED.
Do not connect any electrically live circuits to the LumiSmart ILC prior to installation.

Configuring LumiSmart ILC.

Press "Mode" and use up/down arrows to select lighting control program. Press "Power" and use up/down arrows to control energy reduction level.

Program #	Ballast Type Controlled
P001:	Intended for T5, and T12 (Rapid starts and Pre heated ballasts) 1000 -312 (ie: max 100% output is 1000, min control range set-point is 312, after which will default to 0 (off). Power factor effect = neutral (no effect)
P002:	Intended for T5,T8 Instant start ballasts. 1000 -437, power factor = capacitive correction (-minus side, desired to correct mostly existing inductive power factor (plus side) loads.
P003:	Intended for T5,T8 Instant start ballasts. 1000 -406, power factor = inductive correction (plus side, not usually desired but may be useful in some cases where flicker is induced.
P004:	T8 electronic (older electronic ballasts with high internal storage) 1000 -406, power factor = capacitive correction.
P005:	T8 electronic (older electronic ballasts with normal internal storage) 1000 -575, power factor = capacitive correction.
P006:	T8,T12 electronic (older electronic ballasts with low internal storage) 1000 -468, power factor = capacitive correction.
P007:	T12 magnetic (wound) ballasts 1000 -406, power factor = capacitive correction.

⚠ Use the following steps to wire a module to Main Distribution Panel.

- ONLY WIRE ONTO A DEDICATED LIGHTING CIRCUIT.**
- DO NOT WIRE LIVE.** Interrupt power via breaker before wiring.
- Connect circuit feed wires and output wires to the LumiSmart ILC as shown in the diagram below.

