Luminaire Level Lighting Controls (LLLCs) combine LEDs, controls, connectivity and data for a flexible lighting product that can improve occupant comfort and space utilization. Controls strategies built into LLCs include occupancy sensing, daylight harvesting, continuous dimming and more.

**THE BENEFITS**

1) **Easy Installation and Use**
Fixtures can be ordered from the manufacturer with the sensors and control programming integrated into the fixture, so set-up is easy out of the box. Many products allow remote commissioning and control through an app or tablet. Available retrofit kits make this a simple install for those with existing linear fluorescent fixtures.

2) **Long-Term Flexibility**
Adaptable for changes in space usage, fixtures with LLCs reduce the cost of change-over to new tenants. Simply re-group to the new lighting layout and adjust settings for new tenants.

3) **Energy Cost Savings**
LLLCs use 25 to 70% less energy than non-controlled fixtures.

4) **Better Occupant Experience**
The right amount of light provides occupants with a better environment to complete their work.

5) **Additional Benefits**
Some systems are more comprehensive and enable valuable benefits such as asset tracking, space utilization, enhancements to safety systems and much more.

**WHERE TO BUY**

LLLCs are widely available. For the DesignLights Consortium® Qualified Products List, visit: [www.designlights.org/lighting-controls/download-the-qpl/](http://www.designlights.org/lighting-controls/download-the-qpl/)
Click on the “Qualified Systems by Capability” tab and screen for those under “LLC.”

*Note that your utility may allow other systems in addition to this list.*