

LITECONTROL LCS™
control solutions

Light where you need it ...

Light when you need it ...

Light how you need it ...



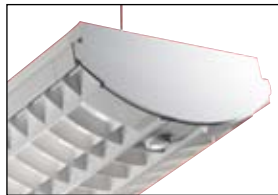


Photography - M. Lewis Kennedy, Jr.

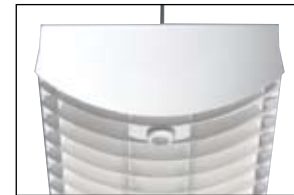
CS^{dlh} Daylight Harvesting Solution ☀

An important part of sustainable design today is the effective use of daylighting. Many architectural approaches and new technologies focus on incorporating daylight into building design. But daylighting in and of itself does not save energy – only the appropriate control of the electric lighting system enables energy savings.

Litecontrol's daylight harvesting controls solution makes sure that the electric lighting uses only the energy needed, by automatically dimming in response to daylight. With a daylight sensor and control wiring integrated in the fixture, and with a wireless remote for commissioning and adjustment, the CS/dlh system provides the easiest-to-implement daylight harvesting solution available.



Radi-X



SAE 7700

CS^e Digital Addressable Solution 🗣️ ☀️ 🧑

Specifiers who want to develop their own comprehensive controls solutions can do so using Litecontrol CS/e compatible products. These solutions combine the performance of Litecontrol fixtures with the flexibility of Lutron EcoSystem™ digital addressable ballasts and controls. Photosensors and occupancy sensors can be fixture-integrated in many cases, and the fixtures are wired in our factory for full compatibility with EcoSystem ballasts and controls components.

Cover Project: Western Michigan University Chemistry Building Kalamazoo, MI

Photography: John Gilroy

Fixture: LC-82 P-ID-8200

Litecontrol CS/e is used throughout corridors and laboratory classrooms in this facility. Daylighting controls shed energy load automatically by dimming and switching off fixtures when the natural light allows. Reduced lighting output is not apparent to occupants as light levels are held constant by the system.

CS^{ir} Occupancy Sensing for Libraries

Book stacks require lighting fixtures that can deliver light to the vertical planes on either side of the aisle – and the Litecontrol Staklite was designed for that specific purpose. The Staklite CS/ir has an integrated infrared occupancy sensor to only provide light when a row is occupied and turns the fixtures to low power or completely off whenever the aisle is vacant. The sensor and all the affiliated wiring are right in the fixture, making it easy to specify and install.



CS^{us} Pendant Occupancy Sensing for Offices

For small office or conference room applications, the Arcos CS/us provides assurance that the fixture will be switched off when the room is vacant. A fixture-integrated ultrasonic occupancy sensor checks for motion in the room and turns the fixture off when no motion is detected over a certain time period. CS/us is available with Arcos and Arcos ID.



CS^{us} Wall Occupancy Sensing for Stairways and Corridors

Today's energy concerns dictate that wall-mounted fixtures in stairways and corridors operate at reduced power when the space is vacant. Our CS/us solution in the V3 and Wall Mod fixtures meets this need. The fixture-integrated ultrasonic occupancy sensor checks for motion and reduces the power to the fixture (or turns it off completely) when the space is vacant. Operation at full light output is restored as soon as motion is detected.












CS^{av} Audio-Visual Switching Solution

Contemporary classrooms or conference rooms often have whiteboards, smart boards, computers, and LCD projectors. Lighting systems for these spaces must provide the flexibility and control to enable this sort of multi-modal presentation and participation, while also helping the design team to satisfy energy codes and the requirements of LEED and CHPS ratings. CS/av provides a convenient means for switching from general room lighting to AV presentation mode, with pre-wired luminaires and control components for ease of installation. And, all CS/av systems include dual technology occupancy sensors to check for motion and turn the lighting off when the room is vacant.

LITECONTROL LCS™

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Description		Applications	Compatible Fixtures*
	<p>Packaged, modular switching solution for audio-visual applications. Provides high and low light levels with front-of-room on/off controls. Pre-wired Control Splice Box, modular wiring harnesses, occupancy sensors, switches and custom-engraved switch plate provided.</p>	<ul style="list-style-type: none"> • Classrooms • Conference rooms • Multi-use spaces 	<ul style="list-style-type: none"> • Radi-X (P-ID-8000) • SAE 7700 (P-ID-7700) • Arcos ID (P-ID-5900) • LC 82 (P-ID-8200) • Any 2 or 3 lamp pendant fixture
	<p>Daylight harvesting solution with fixture-integrated photosensor and dimming ballasts installed at our factory. One photosensor can control an entire row of fixtures within the daylight zone.</p>	<ul style="list-style-type: none"> • Classrooms • Offices • Libraries • Retail stores • Airports • Laboratories • Lobbies 	<ul style="list-style-type: none"> • Arcos ID (P-ID-5900) • Arcos Perf (P-I-5900) • Arcos M5 (P-ID-59M) • Latitude-L (P-ID-82M) • Latitude-C (P-ID-93M) • Radi-X (P-ID-8000) • SAE 7700 (P-ID-7700)
	<p>Comprehensive and customized control solutions with Litecontrol fixtures and Lutron EcoSystem™ digital addressable ballasts and controls.</p>	<ul style="list-style-type: none"> • Classrooms • Offices • Laboratories • Healthcare • Airports 	<p>Too many to list - visit litecontrol.com/cs for full details</p>
	<p>Occupancy-based control with a fixture-integrated passive infrared sensor. Fixture can be switched off or switched to a low-power, low-light-output mode when the space is vacant.</p>	<ul style="list-style-type: none"> • Libraries • Retail stores 	<ul style="list-style-type: none"> • Staklite 500
	<p>Occupancy-based control with an ultrasonic sensor integrated into a pendant-mounted fixture. Fixture can be switched off or switched to a low-power, low-light-output mode when the space is vacant.</p>	<ul style="list-style-type: none"> • Small offices • Conference rooms • Any space where a single sensor provides adequate coverage 	<ul style="list-style-type: none"> • Arcos ID (P-ID-5900) • Arcos Perf (P-I-5900)
	<p>Occupancy-based control with an ultrasonic sensor integrated into a wall-mounted fixture. Fixture can be switched off or switched to a low-power, low-light-output mode when the space is vacant.</p>	<ul style="list-style-type: none"> • Stairwells • Corridors • Dressing rooms 	<ul style="list-style-type: none"> • V3 (W-A-3400) • Wall Mod² (W-ID-4600)
<p>* Please visit litecontrol.com/cs for the latest listing of compatible fixtures for each of our Control Solutions, and for full technical and installation details.</p>			

 Audio Visual
  Daylight Harvesting
  Occupancy Sensing

LITECONTROL
 employee owned | customer driven

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MOHAWK windpower


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