

Lighting and Automation overview

Crestron provides the intelligent lighting and automation solutions to fulfill the demands of today's connected homes and businesses, with cutting edge style and reliable performance to impress the most discerning client. The high-tech design behind every Crestron component translates to transparent usability for the end user, and Crestron offers the most complete selection of fully-customizable user interfaces available. Elegant decorator keypads, wireless remotes, and alluring color touchpanels afford convenient fingertip access throughout the home or office. Crestron's award-winning e-Control®2 and RoomView® technologies extend control far beyond the light switch to allow sophisticated IP-based control, automation, and remote asset management.

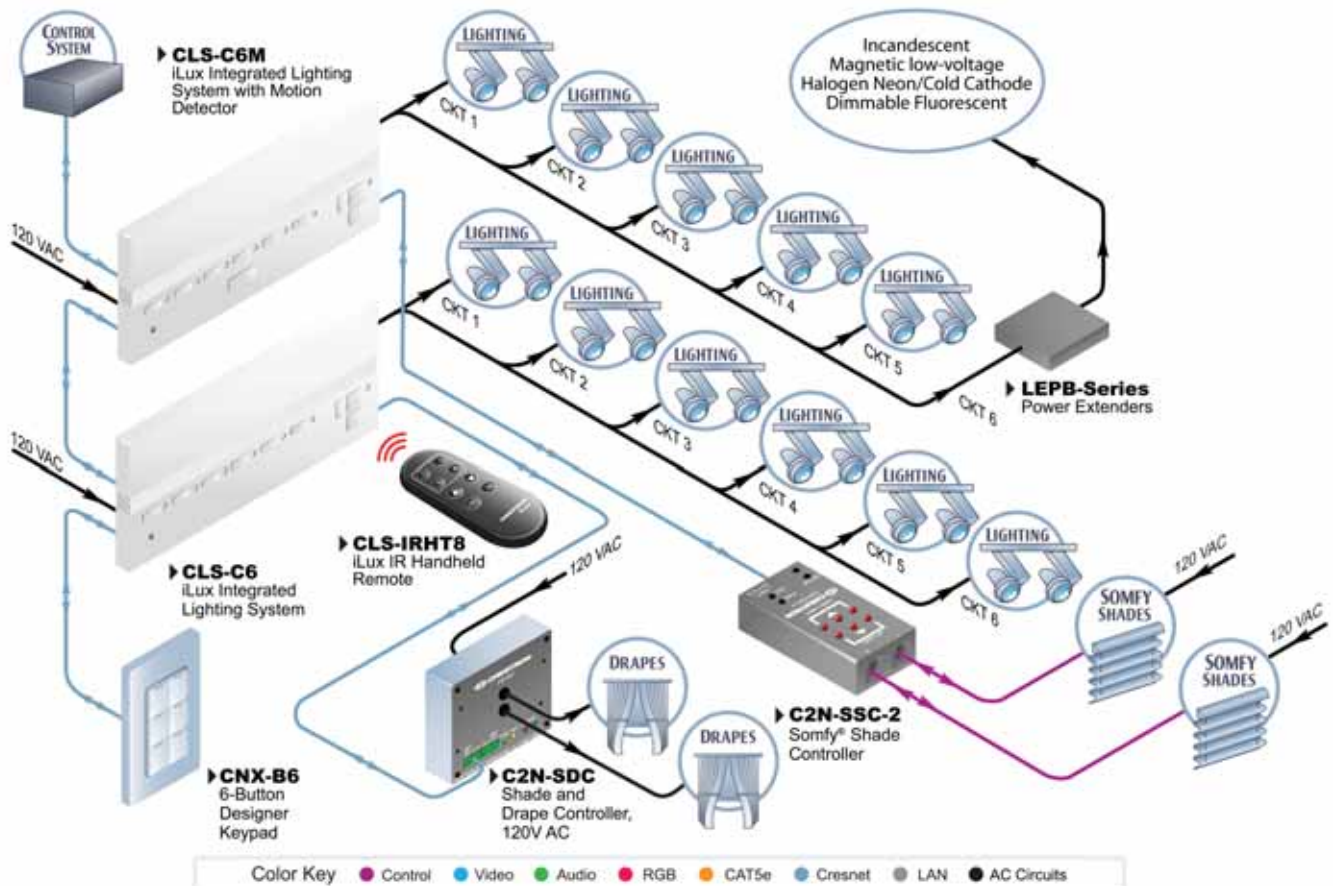
Crestron's **iLux Integrated Lighting System** delivers a powerful yet cost-effective room lighting solution, with greater capacity and flexibility for multi-zone lighting and shade control than any other comparable system. For whole-house and facility-wide applications, our **PAC2 and PAC2M Professional Automation Control Systems** take microprocessor-controlled lighting to a whole new level, providing infinite programmability and nearly limitless connectivity for integration with Crestron's entire product line and thousands of non-Crestron products alike.

Completely modular, our **CAEN Automation Enclosures** and **CLX Lighting Control Modules** allow virtually unlimited configuration and expansion flexibility for centralized and distributed wall cabinet applications. **CLW Wall Box Dimmers & Switches** are also available to support conventional wiring topologies while still allowing full automation through easy-to-wire Cresnet communications. Perfect for retrofit applications, **inFINET™ Dimmers & Switches** employ Crestron's groundbreaking wireless mesh network technology to achieve reliable 2-way communications throughout a home or office structure without the need for Cresnet wiring.

Total comfort is easily attained using a choice of **Cresnet and inFINET Thermostats** from Crestron. But no Crestron home is truly complete without control over the motorized window treatments, and our selection of **Shade and Drape Controllers** makes it easy and advantageous to automate this feature for its aesthetic and energy-saving benefits.

For 25 years, Crestron lighting has been relied upon for demanding commercial installations in office buildings, universities, airports, hotels, and convention centers. **Commercial Lighting** remains a very serious commitment today with a complete family of commercial-grade cabinets built to order in our UL Listed Panel Shop.

Typical iLux Lighting Control Application



Lighting and Automation cross reference

	CLX Lighting Control Modules								
	iLux	CLX-1DIM8	CLX-1DIM4 CLXI-1DIM4	CLX-2DIM8 CLXI-2DIM8	CLX-2DIM2 CLXI-2DIM2	CLX-1DELV4 CLXI-1DELV4	CLX-4HSW4 CLXI-4HSW4	CLX-1MC4 CLXI-1MC4	CLX-1FAN4
Controlled Circuits									
Quantity	6	8	4	8	2	4	4	4	4
120 Volt AC	•	•	•	•	•	•	•	•	•
220/230 Volt AC	•		•	•	•	•	•	•	
277 Volt AC									
24 Volt DC									
Low-Voltage Contact Closure									
Serial Data									
Load Types - Dimmable Lighting									
Incandescent/Tungsten Halogen	•	•	•	•	•	•	• ³		
Magnetic Low-voltage	•	•	•	•	•		• ³		
Electronic Low-Voltage						•	• ³		
Neon/Cold Cathode	•	•	•	•	•		• ³		
2-Wire Dimmable Fluorescent	•	•	•	•	•				
3-Wire Electronic Dimmable Fluorescent									
4-Wire 0-10V Dimmable Fluorescent									
LEPB Power Extenders ¹	•	•	•	•	•		•		
Load Types - Non-Dimmable Lighting									
Fluorescent							•		
High-Intensity Discharge (HID)							•		
Load Types - Motors									
Motors							•		
Ceiling Fan									•
3-Wire Bidirectional AC Motors								•	
2-Wire Bidirectional DC Motors									
Somfy ILT Shade Motors									
User Interface									
Front Panel Controls	•								
Handheld Remote	• ⁵								
Motion Sensor	• ⁶								
Multi-point Control ⁷	•								
Programmable Buttons	•								
Control & Communications									
Stand-alone Functionality	•								
Cresnet	•	•	•	•	•	•	•	•	•
infiNET									
Override		•	•	•	•	•	•	•	•
External Temp/RH Sensors ⁵									
Mounting									
Wall Mount Electrical Box	•								
CAEN or CAENIB Enclosures		•	•	•	•	•	•	•	•
CSTC Cabinet									
CLC-6 Cabinet									
Surface Mount									

¹ LEPB devices require a 120 volt control input; not for use with 230 Volt International products

² Supports one or two-stage

³ Switched only

⁴ Forward Phase only

⁵ Accessory sold separately

⁶ Optional

⁷ Digital inputs only; pushbuttons, switches, or contact closures not included.

This chart intended for summary comparison only; see each product specification for complete information.

Lighting and Automation cross reference continued

	Power Extenders					Commercial Lighting		
	LEPB-1	LEPB-2	LEPB-3	LEPB-4	LEPB-5	CNLDM-6	CNLFDB-4 CNLFDB-4/277	CNLDAB-4
Controlled Circuits								
Quantity	1	1	1	1	1	6	4	4
120 Volt AC	•	•		•	•	•	•	•
220/230 Volt AC						•		
277 Volt AC			• ¹	• ¹		•	•	•
24 Volt DC								
Low-Voltage Contact Closure								
Serial Data								
Load Types - Dimmable Lighting								
Incandescent/Tungsten Halogen	•				•	•		•
Magnetic Low-voltage	•					•		
Electronic Low-Voltage					•	• ⁴		
Neon/Cold Cathode	•					•		
2-Wire Dimmable Fluorescent						•		
3-Wire Electronic Dimmable Fluorescent		•	•				•	
4-Wire 0-10V Dimmable Fluorescent				•				•
LEPB Power Extenders ¹								
Load Types - Non-Dim Lighting								
Fluorescent				•		•		
High-Intensity Discharge (HID)								
Load Types - Motors								
Motors								
Ceiling Fan								
3-Wire Bidirectional AC Motors								
2-Wire Bidirectional DC Motors								
Somfy ILT Shade Motors								
User Controls								
Front Panel Controls								
Handheld Remote								
Motion Sensor								
Multi-point Control ²								
Programmable Buttons								
Control & Communications								
Stand-alone Functionality	•	•	•	•	•			
Cresnet						•	•	•
infiNET								
Override								
External Temp/RH Sensors ⁵								
Mounting								
Wall Mount Electrical Box	•	•	•	•	•			
CAEN or CAENIB Enclosures								
CSTC Cabinet						•	•	•
CLC-6 Cabinet							•	•
Surface Mount								

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Commercial Lighting				Shade & Drape Controllers			Climate Control		
CNLGE-8	CLI-220N-4	CNPCI-8	CNECI-4A	C2N-SDC	C2N-SDC-DC	C2N-SSC-2	CHV-TSTATRF	CHV-THSTAT	CHV-TSTAT
8	4	8	4	2	2	2	1	2 ²	2 ²
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