



One System... Infinite Possibilities



Synergy® Lighting Control System



AcuityBrands
Lighting

LITHONIA
LIGHTING

HOLOPHANE

AEL American Electric Lighting

gotham

PEERLESS

mark
architectural
lighting

HYDREL

CARANDINI

MetalOptics

SPECLIGHT

ANTIQUE
Street Lamps

Synergy
LIGHTING CONTROLS

ONE SYSTEM... INFINITE POSSIBILITIES

The Synergy® lighting control system offers flexible and scalable solutions that satisfy the requirements of both owners and occupants. The Synergy system integrates all aspects of lighting control, including low-voltage switching, architectural dimming, occupancy sensing and daylight harvesting into a single platform. A native BACnet® network allows Synergy to seamlessly integrate with Building Automation Systems (BAS).

- Flexible Control Choices
- Customized Functionality
- Maximum Expandability
- Maximum Energy Savings
- Energy Code Compliant
- Architectural Dimming
- Distributed Control
- Low-Voltage Switching
- Controllable Circuit Breakers
- Daylighting Controls

POWER MODULE OPTIONS

May be combined within the same enclosure to meet job site requirements



RELAY MODULE

Eight single-pole relays with zero-cross switching, plus eight switch and two analog input terminals.



DALI CONTROL MODULE

Network controllers and power supplies for three DALI networks.



RELAYS WITH BREAKERS

Similar to relay module, with either six 120V, four 277V or four 347V branch circuit breakers.



BALLAST CONTROL MODULE

Eight channels of 0-10V DC dimming with integrated 20A relays for four-wire dimming ballasts. Available with 120V, 277V and 347V circuit breakers.



DIMMER MODULE

Six universal load digital dimmers suitable for 120V or 277V incandescent, fluorescent, low-voltage, neon, cold cathode and non-dim loads.



TAP FEED LUG OPTION

Allows several Synergy enclosures to share a single main feed up to 400A, three phase.

MULTI-POLE RELAYS

Up to four 30A contactors with either two or four poles each.

System Controller

Provides local user interface, scheduling and control functions. Available in stand-alone (MLS) or networked (MLX).



System Enclosure for Relays and Dimmers

Three capacities, up to 2, 4, or 6 power modules.



Preset Control

4, 8, 12 and 16 channel master station with 6 preset lighting scenes.



Digital Remote

1 to 9 buttons in a single gang. Optional wireless receiver for operation and programming of presets from hand-held transmitter.



Distributed Controls

Provides distributed control of switched or dimmed lighting fixtures. May be used stand-alone or as part of a fully integrated Synergy system.



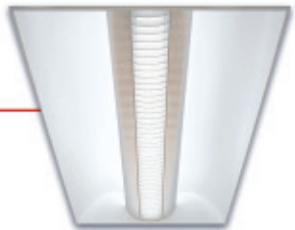
Remote Relay



Photocell



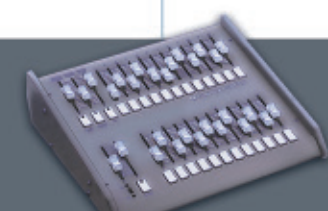
Occupancy Sensor



Fixture with Switched or Dimmed Ballast

Synergy BACGate
Gateway to link Synergy network to third party and Lithonia legacy systems.

Native BACnet
Integrates with BACnet compatible building automation and control systems. Standard interconnection is EIA RS-485 twisted pair wire bus, which can be extended between buildings with fiber optics, campuswide over Ethernet, or worldwide via the Internet.



DMX Theatrical Control (Optional)



Telephone Interface (Optional)



RS232 Interface Local A/V system

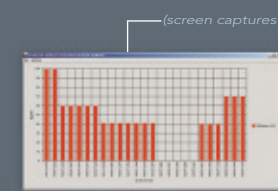


Laptop Connection For programming and operation



Controllable Breaker

Provides individual control of each circuit breaker and works with all standard Synergy controller and user interface options.



Kwh Usage and Trending

Monitor kwh, trend and graph usage of lighting loads with this optional add-in to the Synergy CONFIG application.



Interactive Graphics

Monitor and control entire lighting system via virtual control panel screens created with simple on-board tools, or import graphic image backgrounds and floorplans to suit project requirements.

Synergy CONFIG Software

Configure, control and monitor Synergy lighting control panels from on-site or remote locations via phone lines or WAN with this easy-to-use Windows® application.

