

# CL-SPACEBUILDER-GLEP-MLO

## SpaceBuilder® System - GLEP-MLO

- *Control up to 42 lighting zones*
- *GLEP-MLO-277-42 or GLEP-MLO-120-42 enclosure provides up to 3 module spaces*
- *Configurable emergency/life safety zones*
- *Flexible dimming control using 2-wire forward phase dimming*
- *Multizone switching*
- *100K/1,000K cycle switching*
- *3-phase 120 or 277 VAC*

The CL-SPACEBUILDER-GLEP-MLO SpaceBuilder® system is an MLO cabinet with space for up to 42 zones. CL-SPACEBUILDER-GLEP-MLO is great for spaces that do not have accessible ceilings such as auditoriums, warehouses, sports venues, and large parking structures. The CL-SPACEBUILDER-GLEP-MLO is a quickly configured and shipped main-lug only panel solution that supports very large spaces.

### Module Options:

#### Dimming Modules

##### 2-Wire Forward Phase Dimming

Deploy 16 A, 2-wire forward phase dimmed loads using the GLXX-2DIM8. The GLXX-2DIM8 accepts two 20 A inputs that support eight 16 A lighting zones. This module accepts 100–277 VAC power and has a maximum rating of 32 A. Each input can be from a different phase.

##### 4-Wire 0–10 V Dimming

Deploy 16 A, 0–10 V dimmed loads, or 4-wire switched loads, using the GLXP-DIMFLV8-LP. The GLXP-DIMFLV8-LP accepts eight 20 A inputs that support eight 16 A lighting zones. This module accepts 120–277 VAC power.

#### Switching Modules

##### 16-Channel Switching (100,000 Cycle)

Deploy 16 A, 2-wire, 100,000 cycle switched loads using the GLXP-SW16-LP. The GLXP-SW16-LP accepts sixteen 20 A inputs that support sixteen 16 A lighting zones. This module accepts 100–277 VAC power.

##### 12-Channel Switching (1,000,000 Cycle)

Deploy 16 A, 2-wire, 1,000,000 cycle switched loads using the GLXP-SW12-LP. The GLXP-SW12-LP accepts twelve 20 A inputs that support twelve 16 A lighting zones. This module accepts 100–277 VAC power.

#### Processor Module

The processor module consists of a DIN-AP4 and a DIN-PWS60 which are mounted to a DIN rail. The DIN-AP4 is a Crestron® 4-Series® Control engine that provides fast and

powerful control of the lighting system. The DIN-AP4 controls connected modules and supports astronomical time-clock control, 40 Cresnet® control devices, and 50 BACnet™/IP points. The DIN-PWS60 supplies power to the DIN-AP4.

#### Ethernet Uplink Module

The Ethernet uplink module consists of a DIN-CENCN-2-POE and DIN-PWS60 which are mounted to a DIN rail. The DIN-CENCN-2-POE is an Ethernet to Cresnet network bridge that provides scalability to CL-SPACEBUILDER systems. The DIN-CENCN-2-POE receives commands from a DIN-AP4 control system to provide control for the connected modules and to pass commands through to additional CL-SPACEBUILDER systems. The DIN-PWS60 supplies power to the DIN-CENCN-2.

### Options:

#### Assembly

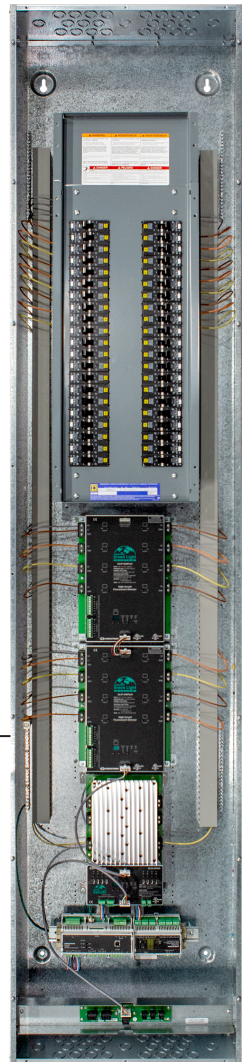
CL-SPACEBUILDER-GLEP-MLO systems are assembled in Crestron's UL508 panel shop. The system can also be ordered as individual components that are shipped independently and require on-site assembly.

#### Voltage

The CL-SPACEBUILDER-GLEP-MLO is available in 3-phase 120 and 277 VAC options.

#### Networking

For easy scalability, CL-SPACEBUILDER-GLEP-MLO systems can be configured to use Ethernet or Cresnet communication.



# CL-SPACEBUILDER-GLEP-MLO

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### Specifications

#### Enclosures

**GLEP-MLO-277-42:** Refer to the GLEP-MLO-277-42 product page for specifications.

**GLEP-MLO-120-42:** Refer to the GLEP-MLO-120-42 product page for specifications.

#### Dimming Modules

**GLXP-DIMFLV8-LP:** Refer to the GLXP-DIMFLV8-LP product page for specifications.

**GLXX-2DIM8:** Refer to the [GLXX-2DIM8](#) product page for specifications.

#### Switching Modules

**GLXP-SW16-LP:** Refer to the GLXP-SW16-LP product page for specifications.

**GLXP-HSW12-LP:** Refer to the GLXP-HSW12-LP product page for specifications.

#### Control System Processor

**DIN-AP4:** Refer to the [DIN-AP4](#) product page for specifications.

#### Ethernet Uplink

**DIN-CENCN-2-POE:** Refer to the [DIN-CENCN-2-POE](#) product page for specifications.

#### Power Supply

**DIN-PWS60:** Refer to the [DIN-PWS60](#) product page for specifications.

#### Power Ratings

120/208 VAC, 225 A max., 50/60 Hz phase-to-neutral

227/480 VAC, 250 A max., 50/60 Hz phase-to-neutral

#### Construction

**Enclosure:** NEMA 1 metal enclosure suitable for installation in plenum air-handling spaces.

#### Environmental

**Temperature:** 32° to 104°F (0° to 40°C)

**Humidity:** 10% to 90% RH (noncondensing)

### Dimensions

#### GLEP-MLO-277-42:

**Height:** 90 in. (2,286 mm)

**Width:** 20.25 in. (514 mm)

**Depth:** 6.63 in. (168 mm)

#### GLEP-MLO-120-42:

**Height:** 90 in. (2,286 mm)

**Width:** 20.25 in. (514 mm)

**Depth:** 6.63 in. (168 mm)

### Compliance

CE, UL® Listed

CL-SPACEBUILDER-GLEP-MLO systems fully assembled in Crestron's UL certified panel shop are UL508 Listed.

To search for product certificates, refer to [support.crestron.com/app/certificates](https://support.crestron.com/app/certificates).

### Assembly

CL-SPACEBUILDER-GLEP-MLO systems fully assembled in Crestron's UL certified panel shop are UL508 Listed. The individual components may also be ordered and shipped unassembled, requiring on-site assembly and any applicable certifications and inspections.

### Models and Accessories

#### Available Model

**CL-SPACEBUILDER-GLEP-MLO**  
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#### Available Accessories

##### GLEP-MLO-277-42

GLEP Enclosure, Main Lug Only, 42 Circuits, 277 V

##### GLEP-MLO-120-42

GLEP Enclosure, Main Lug Only, 42 Circuits, 120 V

##### GLXP-DIMFLV8-LP

8-Channel 0-10V Dimmer Module, Low Profile

##### GLXX-2DIM8

8-Channel Dimmer Module

##### GLXP-SW16-LP

16-Channel Switch Module, Low Profile

##### GLXP-HSW12-LP

12-Channel High-Inrush Switch Module, Low Profile

##### DIN-AP4

DIN Rail 4-Series® Automation Processor

# CL-SPACEBUILDER-GLEP-MLO

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### **DIN-PWS60**

DIN Rail 60 Watt Cresnet® Power Supply

### **DIN-CENCN-2-POE**

Ethernet to Cresnet® Bridge with PoE

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](http://www.crestron.com/contact/our-locations) for your local contact.

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All other languages are a translation of the original document.

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