

GLEP-MLO System



The GLEP-MLO SpaceBuilder system is an MLO cabinet with space for up to 42 zones. GLEP-MLO is great for spaces that do not have accessible ceilings such as auditoriums, warehouses, sports venues, large parking structures. With 16 Amp zones available, the GLEP-MLO solution supports very large spaces.

GLEP-MLO is a quickly configured and shipped main lug only panel solution. Combine with the GLPANEL finish kit for a complete turn-key centralized lighting control solution.

Modules

Switched (100,000 cycle)

Fully rated 16 amp 100,000 cycle switched loads are supported with the SW16 option.

Switched (1,000,000 cycle)

Fully rated 16 amp 1,000,000 cycle switched loads are supported with the HSW12 option.

2-Wire Forward Phase Dimmed

Fully rated 16 Amp forward phase dimmed loads are supported with the DIM8 option.

4-Wire 0-10v Dimmed

Fully rated 16 Amp switched or 0-10v loads are supported with the LV8 option

Processor

The PROC option adds a 3-Series processor to allow for an autonomous lighting control system with astronomical time clock.

Ethernet Uplink

The EN option allows for the panel to uplinked to a control system via Ethernet.

Options

Assembly

GLEP-MLO systems can be factory assembled in Crestron's UL508 panel shop, or they can be shipped as empty cabinets and loose modules.

Voltage

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

Networking

GLEP-MLO systems have the option to be Ethernet or Cresnet connected for easy scalability.

GLEP-MLO-_____ - _____ SW16-_____ HSW12-_____ LV8-_____ DIM8-_____

Date: _____ Project: _____
 Quantity: _____ Space Name: _____
 Space Number(s): _____

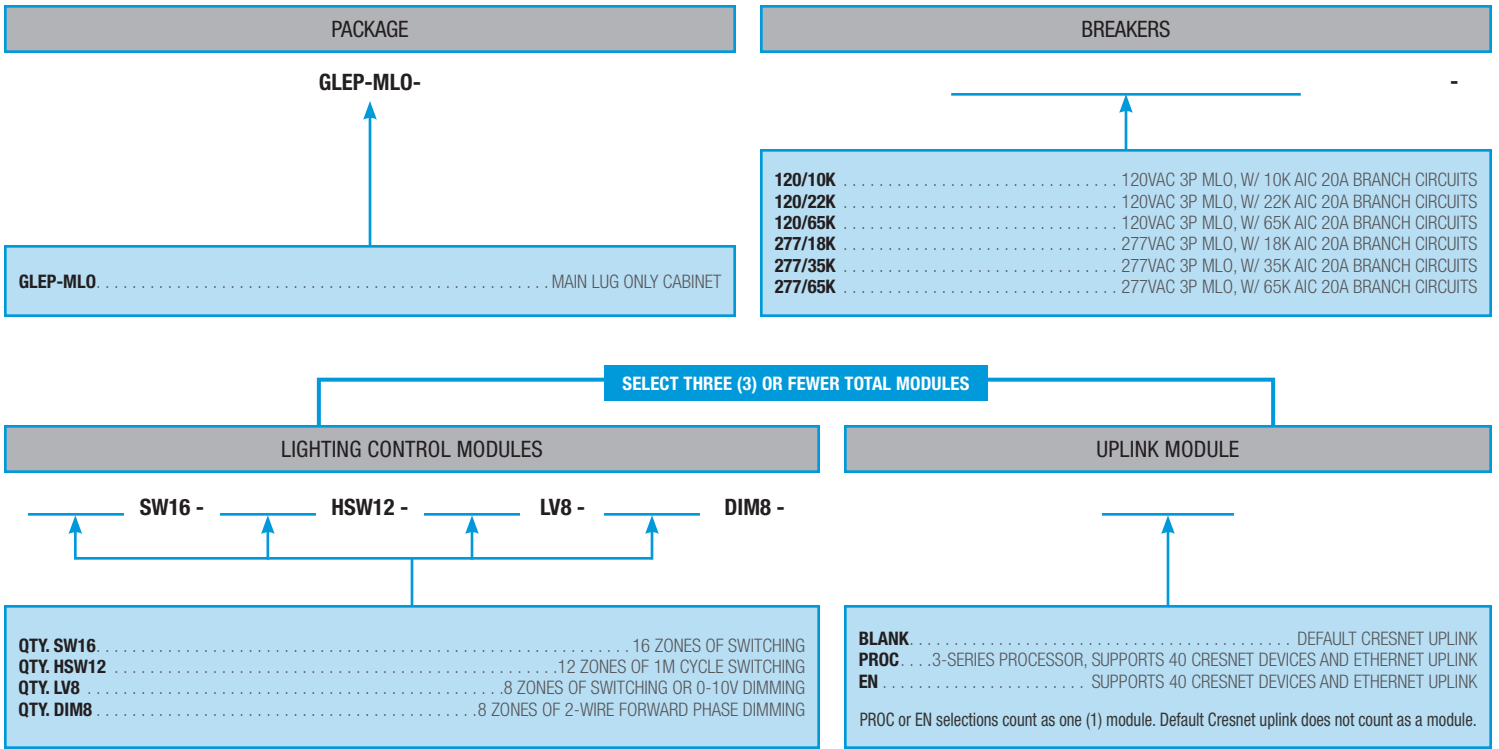
GLEP-MLO SpaceBuilder Load Schedule

Zone #	Zone Description	Fixture Tag	Circuit #	Voltage	Load Type	Emergency / Life Safety	Dim (Y/N)	Fixture Watts	Quantity	Total Watts
Example	Downlights	A	H@-1	120 VAC	DALI	N/A	Yes	25	4	100
1						N/A				
2						N/A				
3						N/A				
4						N/A				
5						N/A				
6						N/A				
7						N/A				
8						N/A				
9						N/A				
10						N/A				
11						N/A				
12						N/A				
13						N/A				
14						N/A				
15						N/A				
16						N/A				
17						N/A				
18						N/A				
19						N/A				
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30						N/A				
31						N/A				
32						N/A				
33						N/A				
34						N/A				
35						N/A				
36						N/A				
37						N/A				
38						N/A				
39						N/A				
40						N/A				
41						N/A				
42						N/A				

277 VAC 120 VAC	FWD Phase Dimmed 0-10V 4-Wire Dimmed Switched	N/A Partial Zone Complete Zone	Yes No
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GLEP-MLO-_____ - _____ SW16-_____ HSW12-_____ LV8-_____ DIM8-_____

Date: _____ Project: _____
 Quantity: _____ Space Name: _____
 Space Number(s): _____



Example: GLEP-MLO-277/18K-2LV8-PROC

GLEP-MLO-_____ - _____ SW16-_____ HSW12-_____ LV8-_____ DIM8-_____

Date: _____ Project: _____
 Quantity: _____ Space Name: _____
 Space Number(s): _____

GLEP-MLO SpaceBuilder Modules and Cabinet



3-SERIES PROCESSOR (PROC)

The DIN-AP3 3-Series processor has an astronomical time clock, natively supports 50 BACnet/IP points and 40 Cresnet devices.



SWITCHING (100,000 CYCLE) (SW16)

The GLXP-SW16 has (16) channels fully rated to 16 Amps each. The module supports 16 switching zones up to 100,000 cycles.



SWITCHING (1,000,000 CYCLE) (HSW12)

The GLXP-HSW12 has (12) channels fully rated to 16 Amps each. The module supports 12 switching zones up to 1,000,000 cycles.



FORWARD PHASE DIMMING (DIM8)

The GLXX-2DIM8 has (2) 20 Amp inputs. Each input supports (4) forward phase outputs, each channel has a maximum 16 Amp capacity. Each input can be from a different phase.



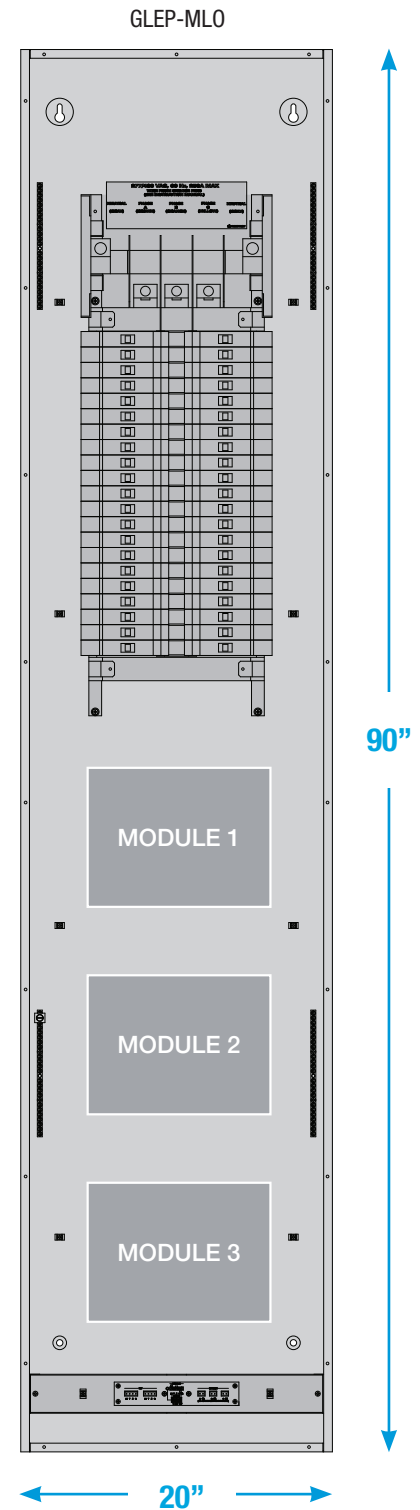
4-WIRE 0-10V DIMMING (LV8)

The GLXP-DIMFLV8 has (8) 20 Amp inputs. Each input supports (8) 4-wire 0-10v dimmed outputs, each rated to 16 Amps. Each input can be from a different phase.



ETHERNET UPLINK (EN)

Adds (1) DIN-PWS60 with 60 Watts of Cresnet power and (1) DIN-CENCN-2 Ethernet to Cresnet Bridge.



GLEP-MLO-_____ - _____ SW16-_____ HSW12-_____ LV8-_____ DIM8-_____

Date: _____ Project: _____
 Quantity: _____ Space Name: _____
 Space Number(s): _____

GLEP-MLO Specifications

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 (non-condensing)

GLEP-MLO DIMENSIONS

Height:

90 in (2286 mm)

Width:

20.25 in (514 mm)

Depth:

6.625 in (168 mm)

STANDARDS & CERTIFICATIONS

Assembled cabinets are UL508 Listed

CEC Title 24 2013 Compliant



CIRCUIT BREAKERS

Maximum wire gauge 4 AWG

INPUT POWER

120/208 VAC, 225 Amps maximum, 50/60 Hz phase-to-neutral;

277/480 VAC, 250 Amps maximum, 50/60 Hz phase-to-neutral

Products in this system can include:

GLEP-277-42: 42 zone 277VAC cabinet

GLEP-120-42: 42 zone 120VAC cabinet

GLXP-SW16-LP: 16-zone 100,000 cycle switching module

GLXP-HSW12-LP: 12-zone 1,000,000 cycle switching module

GLXP-DIMFLV8: 8-zone 4-wire 0-10V dimming module

GLXX-2DIM8: 8-zone forward phase dimming module

DIN-AP3: 3 series processor

DIN-PWS60: 60 watt power supply

DIN-CENCN-2: ethernet to cresnet bridge

For technical specifications on all other products in this system, please visit www.crestronlighting.com

For more information or to access digital specification forms for all Crestron SpaceBuilder systems, visit www.crestronspacebuilder.com or call 855-644-7643

Notes:

GLEP-MLO- _____ - _____ SW16- _____ HSW12- _____ LV8- _____ DIM8- _____

Date: _____ Project: _____

Quantity: _____ Space Name: _____

Space Number(s): _____