

## EnFlex G-500 Lighting Control Server

The EnFlex G-500 Site Control Server (SCS) is an embedded Lighting Control server that enables facility managers to integrate and connect lighting systems into a web server. The G-500 is a powerful network host and supervisory controller features that can effectively update and manage building systems. The G-500 also connects to other devices and applications on a corporate WAN in order to fully integrate enterprise facility management and reporting. The G-500 also provides a local user interface capability via its internal web server and browser interface.

The G-500 software provides scheduling and photo cell control of the lighting zones. Any number of zones may be created and controlled. The lighting control also provides lighting rotation to even out run time and strikes on light bulbs.



### EnFlex G-500 Lighting Control Server

#### Lighting Control Features

- **Embedded EnFlex software, Web server, and TCP/IP Networking**
- **Lighting Controls**
- **Scheduling Control**
- **Photocell Control**
- **Web page User Interface**
- **Continuous Dimming of LED fixtures to maximize Energy Savings.**
- **Demand Response**
- **Integrates to EdgePower Enterprise for remote monitoring and control at the Enterprise.**

The standard G-500 is shipped with complete EnFlex Application Software environment installed:

- EnFlex SCS Application Software
- EnFlex Script® programming language
- EnFlex Connect™ API
- Lighting Control System

By using the extensive library of EnFlex utilities and device drivers, The G-500 provides network connectivity and extended supervisory control Capabilities to a number of facility and energy information and control systems. Special interfaces may be also developed by EnFlex for users with unique 3rd party equipment that communicates over

Ethernet (using WebServices), RS-232, RS-485, Ethernet, or other proprietary networks (e.g. LonWorks). Contact EdgePower for a list of interfaces, device drivers, and facility management solutions.

The G-500 control server is enclosed in a rugged and compact 4.5" X 7" X 2.7" aluminum case that can be mounted in any position. A standard chassis mounting template is available as EnFlex document 82G500MOUNT.



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## Power Requirements

G-500 Control Server – 5 VDC  $\pm$  0.25 VDC / 4.99A (max), 2.5 A (typical)

## Environmental (Operating)

Power Supply (standard)	-10 to 60 °C, 90% RH
G-500 Control Server	0 °C to +60 °C, 95% RH



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