Lighting Solutions for 
EDUCATION

Distributed Low-Voltage Power System

www.eaton.com/DLVP
The new standard in low-voltage lighting for education

Whether you are designing a new educational facility or upgrading an existing facility, Eaton is your one source for low-voltage energy efficient lighting and controls solutions.

- Lower installed system cost
- Open schools faster
- Reduce energy costs
- Utilize existing maintenance resources
- Solutions for centralized or distributed emergency lighting

Cut ties with complexity

Low-voltage power module
Power Modules create safe low-voltage circuits to power and control LED lighting fixtures

Low-voltage lighting cable
Low-voltage lighting cables provide power and communications to DLVP LED lighting fixtures

Lighting fixture with integrated sensor
Highly efficient low-voltage addressable LED fixtures

= up to 20% REDUCTION in total installed system cost
— and —
= up to 40% REDUCTION in total labor cost
low-voltage power module
daylight sensor
occupancy sensor
handheld remote
pre-terminated control cables
receptacle switchpack
receptacle
low-voltage lighting cables
low-voltage LED lighting fixtures with optional sensors

Line-voltage in.
Low-voltage out.

10,000 sq. ft. School Area with DLVP

Key
- line voltage
- power module
- low-voltage lighting cables
- low-voltage LED light fixtures
DLVP can offer significant benefits to school systems

38% Faster Installation
Achieve faster certificate of occupancy by reducing installation time of the lighting & control system by 38%
Create safer installations with Class 2 (safe from shock and fire ignition) electrical power
Eliminate days or weeks of start-up commissioning after installation is complete

30% Maintenance Savings
A DLVP power module is 38% less costly to replace than multiple line voltage LED drivers
Move or replace low-voltage lighting without an electrical contractor saving over 30% on maintenance costs

10% Lower Installed Cost
Reduce total project cost by over 10% using low-voltage LED lighting
Eliminate factory start-up costs of up to $2000/day with a system that is configured during installation

25-70% Energy Savings
Save 47% more energy on average by utilizing Networked Lighting Controls (NLCs)
25-70% energy savings are possible with integrated luminaire lighting controls
Simplify energy code compliance (CA T24, ASHRAE, IECC)
Stay flexible

Stringent seating arrangements in classrooms are a thing of the past, group work and whiteboard presentations increasingly are becoming the new way of teaching. Classrooms demand flexibility, and so does the lighting, with DLVP you can reconfigure the addressable lighting system without rewiring. Teachers need control flexibility, and zone wallstations provide the environments preferred for enhanced learning.

Take control of your school's configuration

• Simplified system configuration and re-configuration
• Utilize existing maintenance staff
• No need for contractors or factory technicians
Luminaire level lighting controls provide many benefits

Imagine if your lighting system could be configured during the installation eliminating the time consuming commissioning process

Integrated sensor control system

- Add occupancy detection and daylight sensing in the same time it takes to install the light fixture
- Simplify energy code compliance with closed loop daylighting in each light fixture
- System configuration and modify settings via handheld remote through sensor IR interface
Attractive and distinctive high-performing LED fixtures

Architectural lighting

Corelite
Bridge
Architectural recessed WaveStream LED

Ambient lighting

Metalux
WSL
WaveStream LED suspended technology

Recessed lighting

Metalux
GRLED
LED recessed ambient

Metalux
Arcline*
Architectural recessed ambient

Metalux
Cruze*
LED recessed ambient

Metalux
SkyRidge*
Recessed ambient WaveStream LED

Metalux
Encounter*
Recessed ambient WaveStream LED

Portfolio
LD4B, LDSQ4B
recessed downlight

Portfolio
LDSQA4A and LDSQA6A
recessed downlight

Halo
Commercial PD6 and PR8
recessed downlight

*Some models available with integrated sensors

For a complete list of compatible products, see: www.eaton.com/DLVP
Lighting Product Lines
Halo
Halo Commercial
Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Ephesus
Lumière
Streetworks
AtLite
Sure-Lites

Controls Product Lines
Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

Connected Lighting Systems
LumaWatt Pro
WaveLinx
Distributed Low-Voltage Power
ConnectWorks

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lightingsystems
For service or technical assistance:
1-800-553-3879

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

© 2018 Eaton
All Rights Reserved
Printed in USA
Publication No. BR503040EN
February 2018

Eaton is a registered trademark.
All other trademarks are property of their respective owners.
Product availability, specifications, and compliances are subject to change without notice.