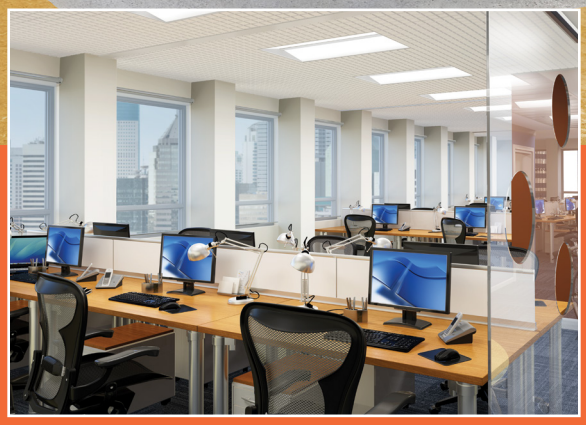
DLVP
Distributed Low-Voltage Power System

Greengate





Lighting solutions for
EDUCATION

COOPER Lighting Solutions

CooperLighting.com

The **new standard** in **low-voltage** lighting for education



Whether you are designing a new educational facility or upgrading an existing facility, Cooper Lighting Solutions 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

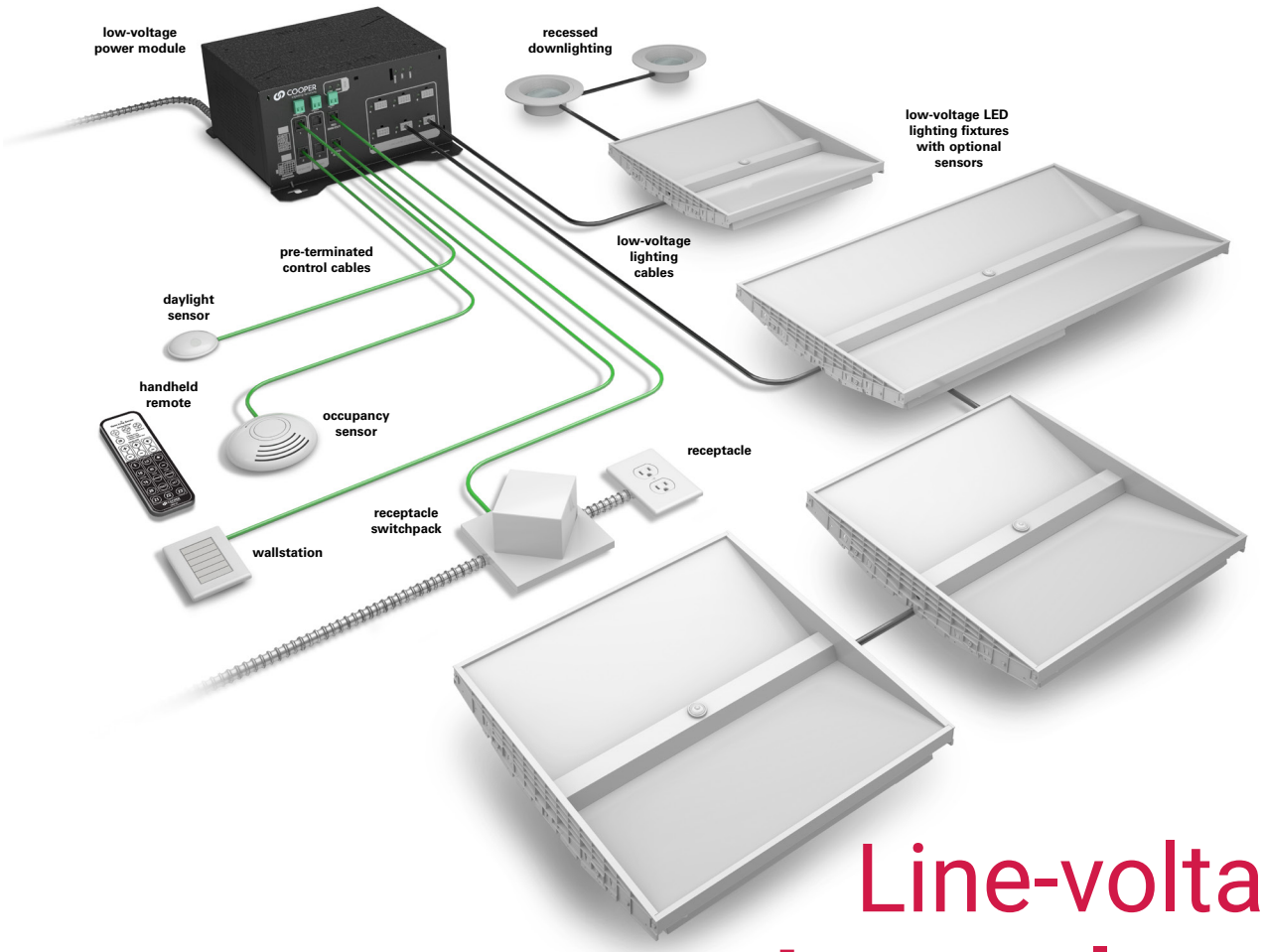
Highly efficient low-voltage addressable LED fixtures

=

up to
20%
REDUCTION
in total installed system cost

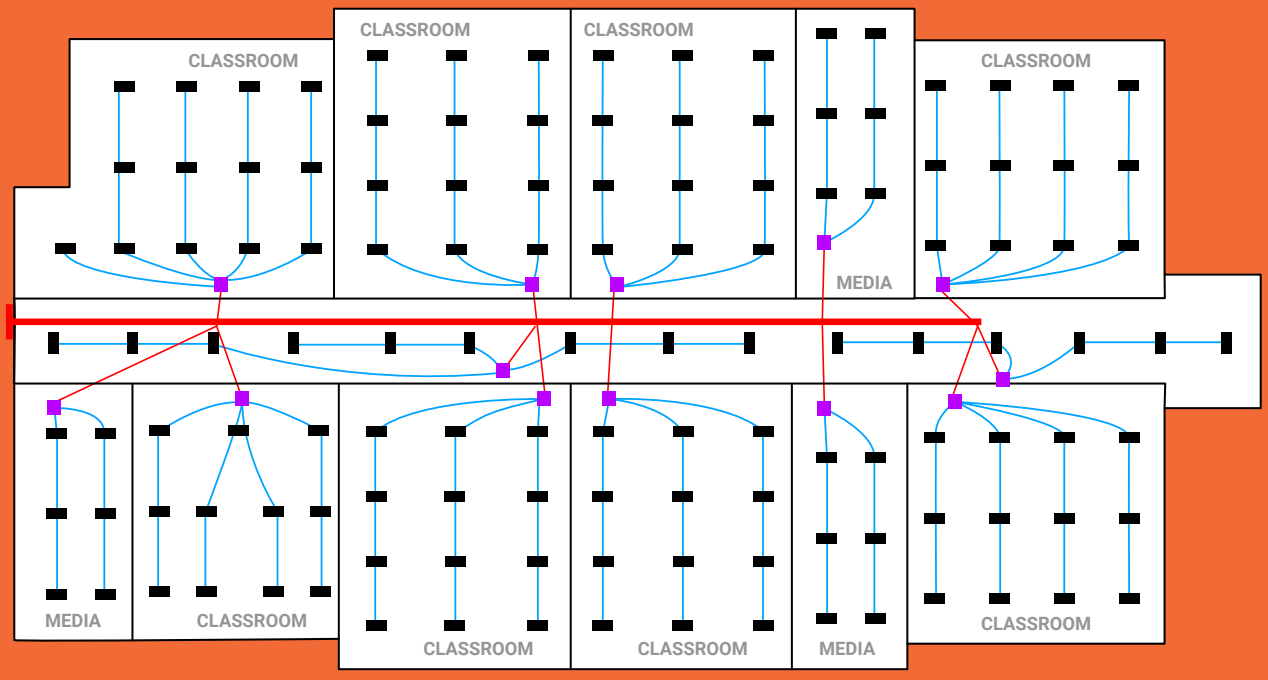
— and —

up to
40%
REDUCTION
in total labor cost



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**

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



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

25-70% Energy Savings

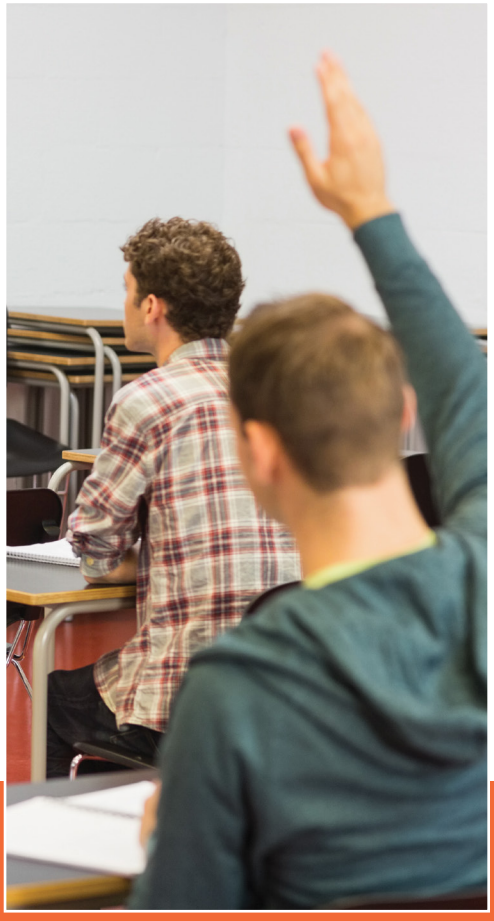
Save 47% more energy on average by utilizing Networked Lighting Controls (NLCs)

25-70% energy savings are possible with integrated luminaire lighting controls

Simplify energy code compliance (CA T24, ASHRAE, IECC)

Stay **flexible**

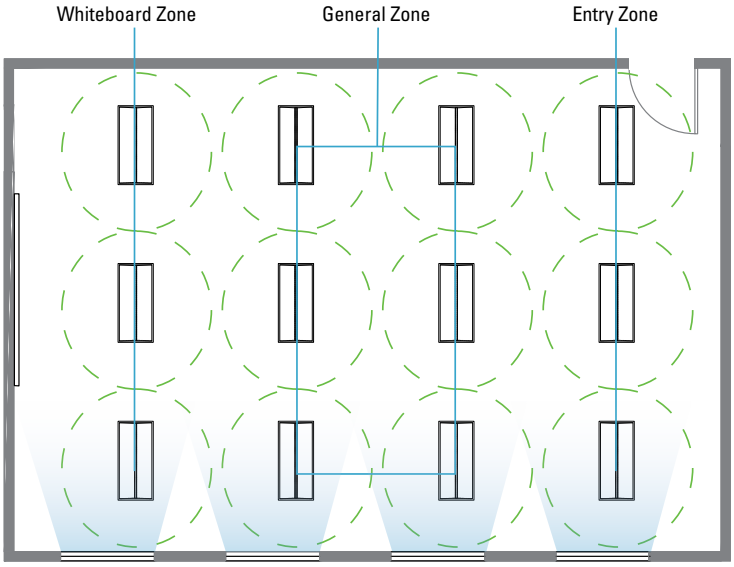
Stringent seating arrangements in classrooms are a thing of the past, group work and whiteboard presentations increasingly are becoming the new way of teaching. Classrooms demand flexibility, and so does the lighting, with DLVP you can reconfigure the addressable lighting system without rewiring. Teachers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



Lighting controls at your **fingertips**







Take control of your school's **configuration**

- Simplified system configuration andre-configuration
- Utilize existing maintenance staff
- No need for contractors or factory technicians

Luminaire level lighting controls provide many benefits

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**



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

Attractive and distinctive high-performing LED fixtures

Architectural lighting



Metalux
WSL
WaveStream
LED suspended
technology

Corelite
Bridge
Architectural
recessed
WaveStream LED

Ambient lighting



Metalux
GRLED
LED recessed ambient



Metalux
FR*
LED recessed ambient



Metalux
Arcline*
Architectural recessed ambient



Metalux
Cruze*
LED recessed ambient



Metalux
SkyRidge*
Recessed ambient WaveStream
LED

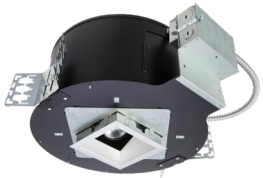


Metalux
Encounter*
Recessed ambient WaveStream
LED

Recessed lighting



Portfolio
LD4B, LDSQ4B
recessed downlight



Portfolio
LDSQA4A and LDSQA6A
recessed downlight



Halo
Commercial PD6 and PR8
recessed downlight

*Some models available with integrated sensors

Lighting Brands
Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
Halo
Halo Commercial
Invue
io
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

Controls Brands
Greengate
Fifth Light

Connected Lighting Systems
HALO Home
WaveLinx

IoT Platforms
Trellix

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Printed in USA
Publication No. BR503040EN
January 2021

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