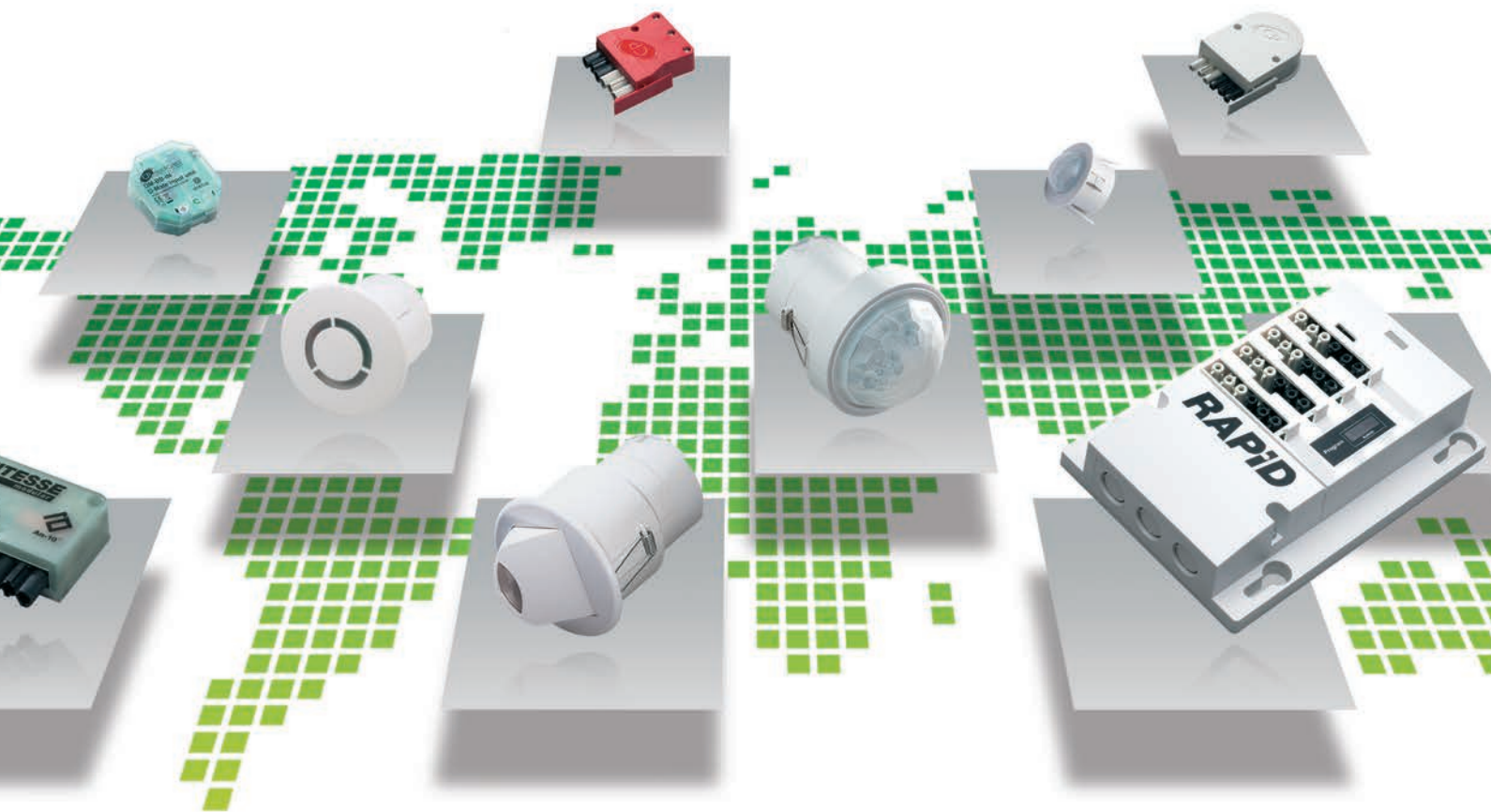


Controlling any light source, any building, any space



Lighting control for the commercial and public sectors;
industrial, domestic and retail applications

CP Electronics – A Leading Force in Lighting Controls



Energy is a limited resource

Around 20% of the world's electricity is used for lighting. Much of it is wasted. Unoccupied offices, factories and public spaces often remain brightly lit, squandering money and energy. It's bad for the bottom line – and the environment. Yet there is a solution.

Innovation and quality – bar none

At CP Electronics, we're making an international reputation for delivering energy saving controls. With our commitment to innovation, we hold a number of patents. We have a relentless focus on quality and reliability.

Any light source, any building, any space

From a sports stadium to a CEO's boardroom – we work with both private companies and public sector organisations.

Our UK-based production team works to high quality standards, using advanced production techniques. We're so confident of our quality and testing regime that we offer a five year warranty across the range. Our products are backed by dedicated sales, aftersales and technical support teams: on site, on the phone and online.

The 2015 Paris Agreement focused the eyes of world leaders on climate change. But the reality is that wasting energy costs us all.





Technical Services

CP Electronics Technical Services division delivers unrivalled levels of support to customers during specification, installation, commissioning and maintenance. This ensures the best use of lighting control for the end user.

Technical Services provides a comprehensive commissioning service which can include on-site presence and a dedicated handover experience.

Maintenance protects the customer's investment and gives peace of mind, and a scheme that fits their needs exactly. If required, CP Electronics provides a tailor-made contract which offers further flexibility.

CP Electronics Technical Services shares structured information through training modules on all its technology by updating customers continuously on product development and legislation.

Our Brands

CP Electronics builds upon a reputation as an established leader in energy saving lighting controls.



Our flagship range of programmable energy saving controls, systems and connection products for lighting, heating or ventilation.



Our off-the-shelf range of easy to fit energy saving controls and connection products for lighting, heating or ventilation.

RAPiD

The fully addressable and networkable lighting control solution. RAPiD works with multiple protocols such as DALI and DSI for seamless communication between switching devices.



A robust range of wireless devices for a wide range of applications. An-10[®] has full scene functionality and is programmable from a intuitive infrared handset.



Vitesse Plus is a seven-channel stand-alone lighting control system – it incorporates an inbuilt preset menu that makes configuration and maintenance quick and easy.



D-Mate[®] provides a cost effective four scene setting system with all the benefits of energy saving control.



Vitesse Modular™ is a modular pluggable lighting connection solution that is available in switching and dimming variants.

Application Focus – Global Projects & Sector Coverage



Winyu House



Speedo



Amazon



Pembroke College

Winyu House, new government offices, Canberra, Australia

Brief:
Provide a product designed to allow the installer maximum flexibility and reduced installation time.

Product solution:
Incorporation of 400 EBDSPiR-KNX compact ceiling mounted PIR detectors.

Courtesy:
mysmartcti.com.au



Speedo headquarters, Nottingham, UK

Brief:
To implement energy efficiency throughout the offices and key circulation areas.

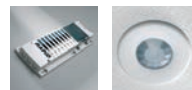
Product solution:
Installation of Vitesse Plus and Vitesse Modular systems with presence detection and daylight linking. We also incorporated an SELV module plug-in dimming control or DSI or DALI ballasts in selected rooms.



Amazon distribution warehouse, Staffordshire, UK

Brief:
To install two large warehouse sites with manual control and wireless switches over 700,000 sq.ft. of mixed use space.

Product solution:
Implementation of RAPiD, 837 wireless PIRs and EBDSPiR-AT-DD-HB for the main warehouse space.

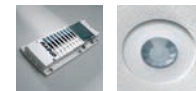


RAPiD

Pembroke College, Oxford University, UK

Brief:
Provide easy and accurate light level adjustment for multi-purpose lecture theatre.

Product solution:
Implement RAPiD fully addressable control with EBDSPiR-PRM compact PIR detectors.



RAPiD



Cheesegrater



AVRO/TROS



Rolex



Farmers distribution centre

'The Cheesegrater' Leadenhall Street, London, UK

Brief:
DALI dimming, occupancy control, absence detection, individual room control, daylight linking and scene setting throughout one floor.

Product solution:
An-10 wireless lighting control used throughout project.



AVRO/TROS, Netherlands

Brief:
Design a lighting system that is fully automatic and operational at all times.

Product solution:
Implement RAPID with DALI control system for switching and dimming. Infrared handsets combined with scene panels offered flexibility, with a central touchscreen for lighting, blinds and door position indication.

Courtesy:
Eleqtron Projects, Netherlands
eleqtron.nl



RAPiD



Rolex UK headquarters, Kent, UK

Brief:
To install DALI control with full head end and miniature PIRs.

Product solution:
Implement RAPID fully addressable control with EBMHS miniature PIR detectors.



RAPiD



Farmers distribution centre, New Zealand

Brief:
To incorporate energy efficient controls to bring the old building up to new energy efficiency standards.

Product solution:
Stand-alone EBDHS high bay PIR detectors with 20 metre range and DALI dimming.

Courtesy:
intelligentenvironments.co.nz



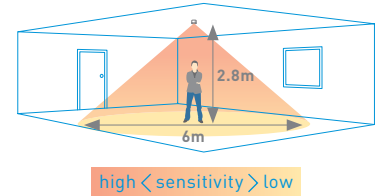


PIR Presence Detectors



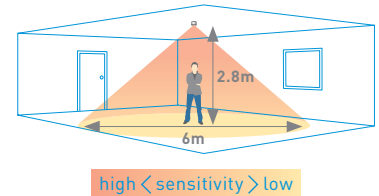
Flush mounted PIR presence detector – GEFL

- Movement sensor auto on/auto off
- Works with any type of lamp
- Switches any type of load
- Lux level sensing
- Adjustable timer



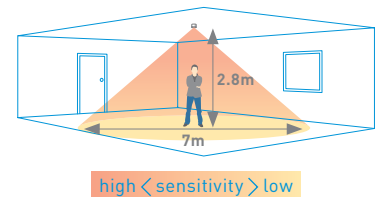
Flush mounted PIR push button presence detector – GEFL-PB

- Movement sensor auto on/auto off
- Works with any type of lamp
- Switches any type of load
- Lux level sensing
- IP40 rating
- Adjustable timer
- Push button



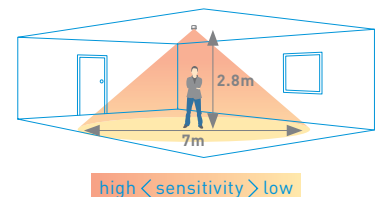
Surface mounted PIR presence detector – GESM

- Movement sensor auto on/auto off
- Switches any type of load
- Lux level sensing
- IP54 rating (with gasket)
- Adjustable timer
- Push button



Batten mount PIR presence detector – GIMB

- Movement sensor auto on/auto off
- Works with any type of lamp
- Switches any type of load
- IP65 rating
- Batten mounted

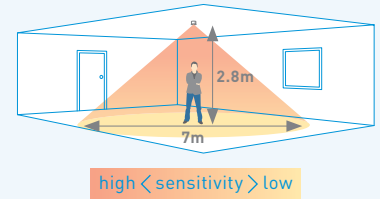


PIR Presence Detectors



Compact ceiling mounted PIR presence detectors – EBDSPiR

- Switching, DALI Dim & Analogue Dim versions
- Presence detection
- Switching with lux level sensing
- Dimming functionality
- Scene setting and recall
- Maintained illuminance
- Control up to 20 dimming ballasts*

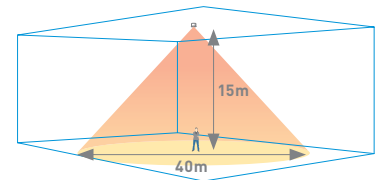


high < sensitivity > low



High Bay PIR presence detectors – EBDHS

- Suitable for high bay applications
- Switching, DALI Dim & Analogue Dim versions
- Presence/absence detection
- Switching with lux level sensing
- Dimming functionality
- Scene setting and recall
- Maintained illuminance
- Control up to 20 dimming ballasts*

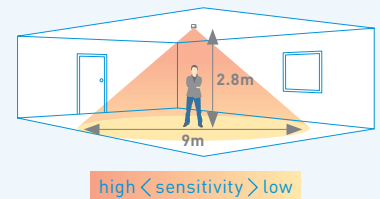


high < sensitivity > low



Miniature PIR presence detectors – EBMHS

- Miniature detector
- Switching, DALI Dim & Analogue Dim versions
- Suitable for luminaire integration
- IR programmable
- Power supply options

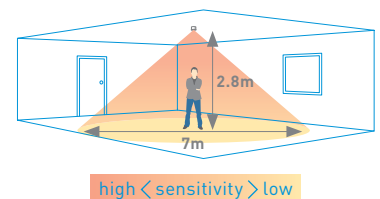


high < sensitivity > low



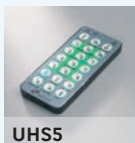
Batten mount PIR presence detectors – EBMPIR-MB

- Batten mount retrofit solution
- Integrated power supply
- IP65 rated
- Suitable for a wide range of luminaires
- Supplied with comprehensive fitting kit
- 1,000mm lead length



high < sensitivity > low

* On selected models. Please call for details.



UHS5



UNLCDHS

Programming handsets

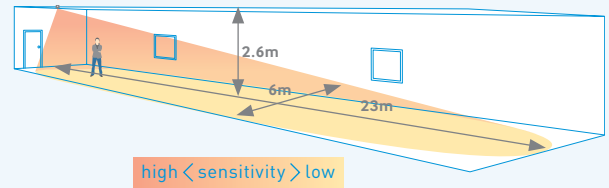
A range of handsets that are designed to allow the user to intuitively program a single device or system. Ranging from the UHS5 that allows for simple programming, to UNLCDHS that offers programming of all available parameters.

Microwave Presence Detectors



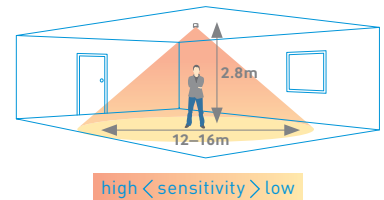
Adjustable head microwave presence detector – MWS3A

- Switching, DALI Dim & Analogue Dim versions
- Adjustable detection head
- Absence detection switching
- Adjustable detection sensitivity
- Programmable via IR handset
- Integral relay to reduce parasitic power
- Maintained illuminance



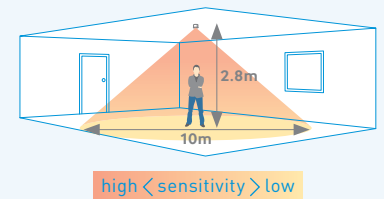
Low profile microwave presence detector – MWS3A

- Switching, DALI Dim & Analogue Dim versions
- Adjustable detection sensitivity
- Programmable via IR handset
- IP40
- Various regional frequencies
- Control up to 20 dimming ballasts*



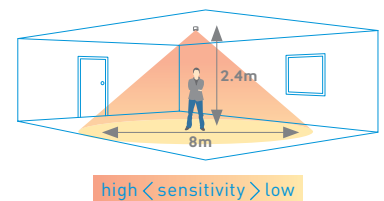
Moisture-proof wall mounted microwave presence detector – MWS1A-IP

- Presence detection
- Easily setup using the UHS5 infrared handset
- IP66 rated enclosure
- Detection range of up to 30 metres
- Suitable for heating and ventilation applications

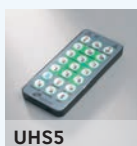


Compact microwave presence detector – MWS5

- Switching, DALI Dim & Analogue Dim versions
- Miniature microwave detector
- Surface, flush and panel mounting
- Programmable via IR handset
- IP40
- Various power supply options
- Control up to 20 dimming ballasts*



* On selected models. Please call for details.



UHS5



UNLCDHS

Programming handsets

A range of handsets that are designed to allow the user to intuitively program a single device or system. Ranging from the UHS5 that allows for simple programming, to UNLCDHS that offers programming of all available parameters.

KNX® Presence Detectors

CP Electronics brings its extensive functionality to KNX, the worldwide standard for unifying all communication between intelligent devices that light, heat and ventilate homes and buildings.



Key features:

- Presence detector, either PIR or microwave
- Absence detection
- Walk test LED
- Light level sensor
- Two ELV switch inputs
- Infrared remote control sensor to facilitate control of lighting
- User-configurable logic functions and timers

Configuration of devices on the KNX bus takes place via the standard ETS software application, allowing all aspects of the presence detector's behaviour to be configured and controlled.



EBDHS-KNX



MWS3A-KNX



EBDSPIR-KNX



MWS6-KNX



Low Temperature Presence Detectors

The CP Electronics Minus30 range of cold storage lighting controls is specifically designed for the cold storage and refrigeration sector, following rigorous testing in climatic chambers and on-site.



EBMPIR-MB-LT30



EBDSPIR-LT30



EBDHS-LT30

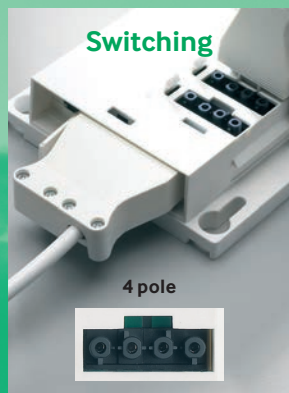
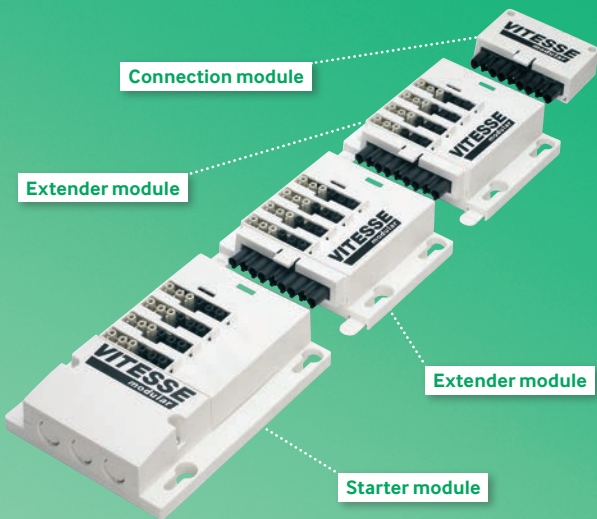


EBDHS-MB-LT30

VITESSE modular

Lighting Connection System

Vitesse Modular™ is a simple, pluggable solution that can be used in a variety of applications. Its modular design can be easily adapted for layout changes, future connectivity and control requirements. It is available in either switching or dimming variants.



Ease of fixing

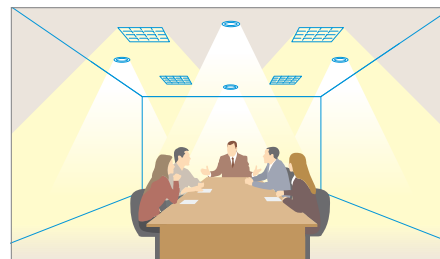


Economical Scene Setting and Energy Control

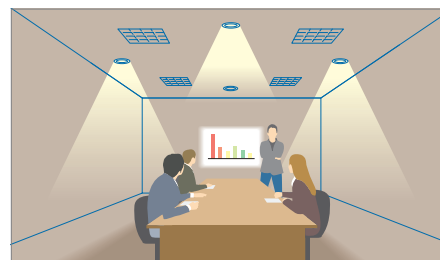
D-Mate® provides a cost effective scene setting system with all the benefits of energy saving control. It is fully modular and integrates perfectly with CP Electronics presence detectors and other switching devices such as scene plates – all designed by CP. Users also benefit from intuitive infrared control handsets which strengthens the overall value offering of D-Mate.



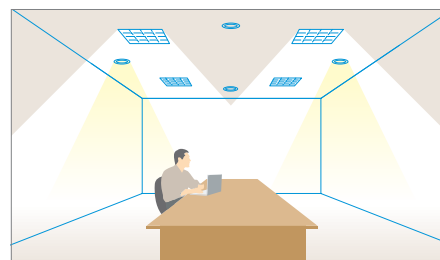
Four possible scene settings



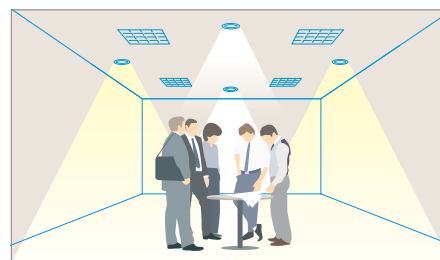
1. Meeting:
All luminaires and downlights on.



2. Presentation:
Luminaires off, downlights dimmed and lights near screen off.



3. Hot desk working:
Luminaires on, with left and right downlights dimmed.



4. Informal event:
Luminaires off and downlights on.



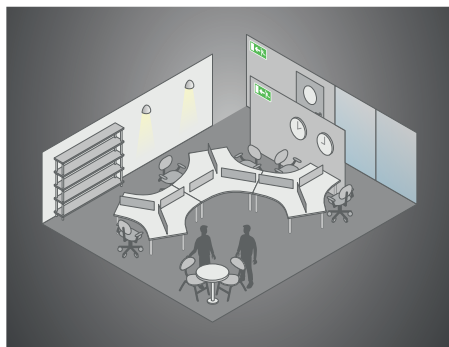
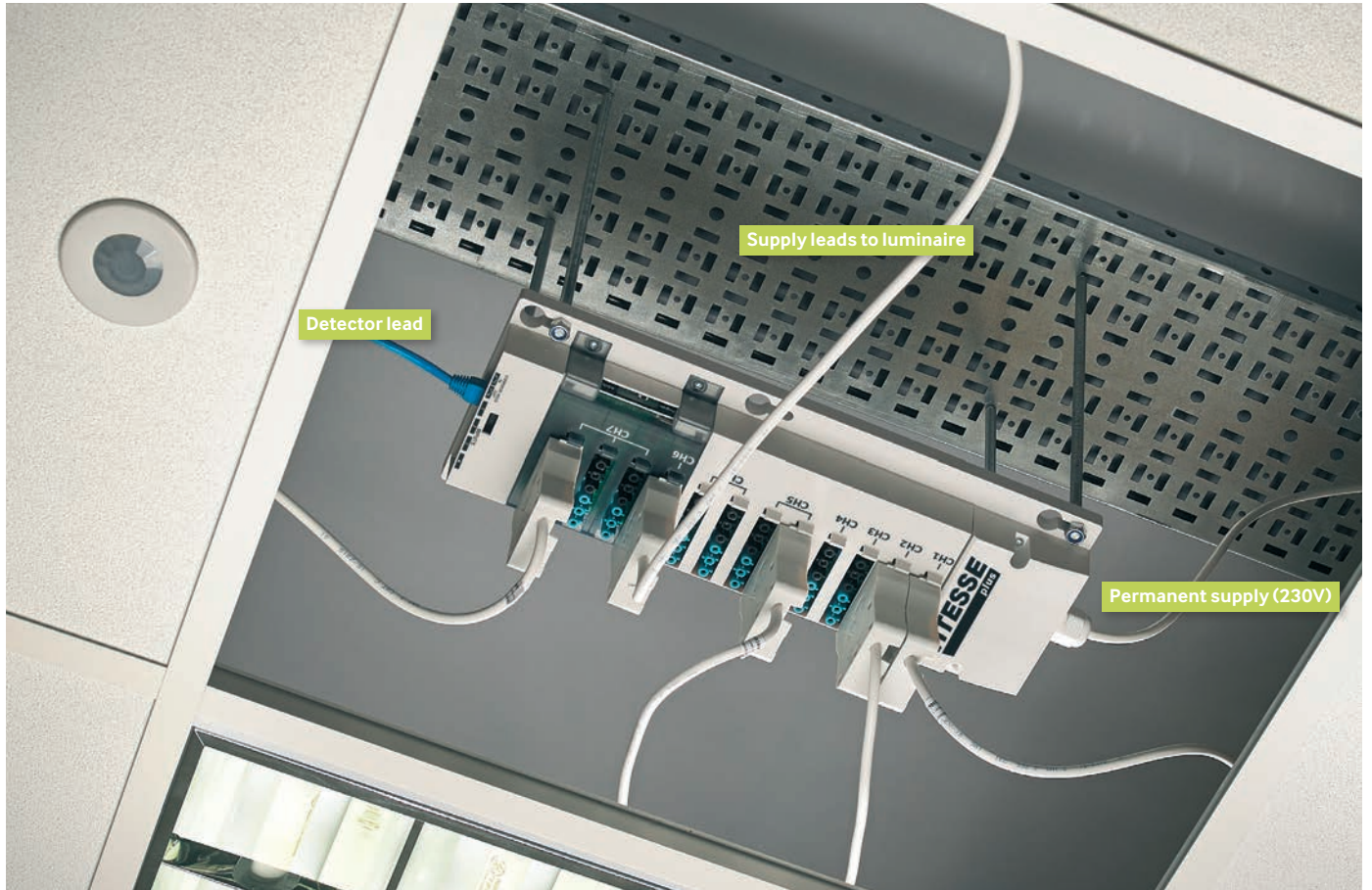


Fixed Layout Lighting Control System

Simple presets allow you to configure and reconfigure spaces quickly and easily. Vitesse Plus is a seven channel lighting control system with a difference – it incorporates an inbuilt preset menu that makes configuration and maintenance even easier than before. It offers the ideal stand-alone solution for a wide variety of applications.

Key features:

- Twelve outputs
- Seven channels
- Graduated dimming
- Four RJ45 inputs
- Scene setting
- SELV switch inputs



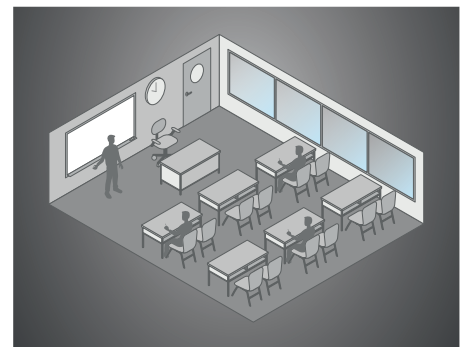
Commercial

Perfect stand-alone solution for small to medium sized spaces.



Retail

Vitesse Plus is an adaptable and intuitive system ideal for the changeable retail model.



Education

Graduated dimming and scene setting make Vitesse Plus perfect for education spaces.

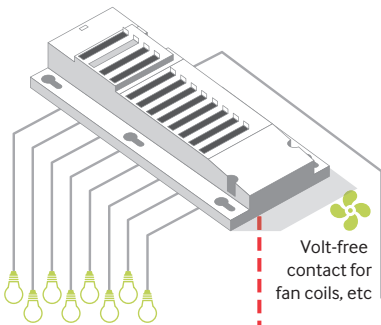
RAPID

Fully Addressable Lighting Control System

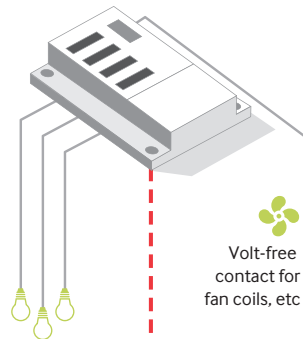
Switching / dimming devices

Switched, DSI/DALI broadcast or analogue

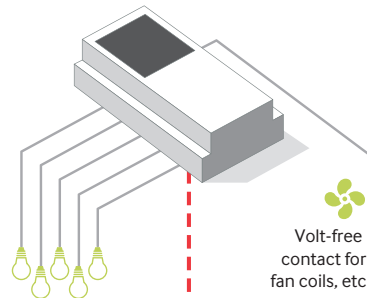
Switched, DALI/DSI broadcast or analogue pluggable 8 channel module with 2-4 output module



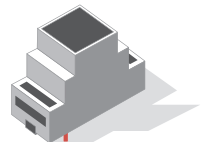
Broadcast DALI/DSI, switching 3 channel pluggable module



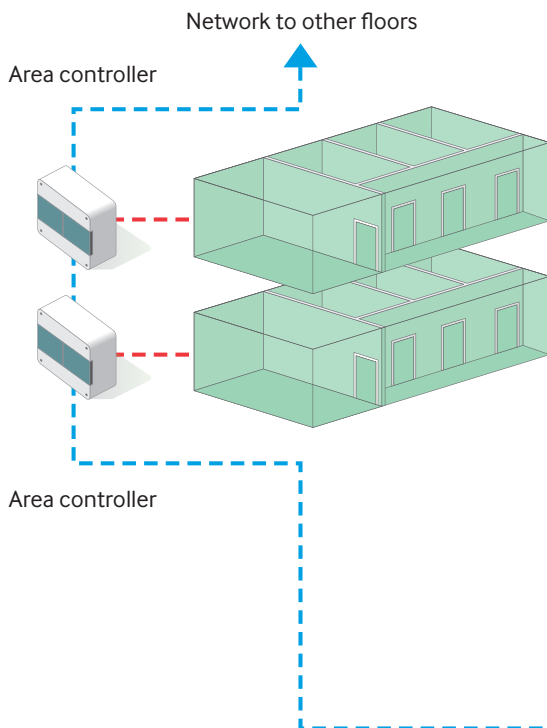
Switched, DALI/DSI broadcast or analogue 5 channel DIN rail module



Switched single channel DIN rail module



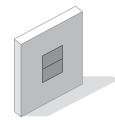
Area controller modules



Scene plate



User handset

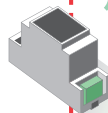


Switch interface

User interfaces

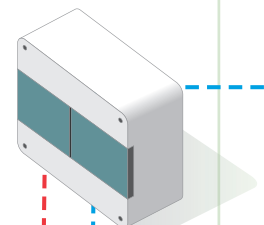


An-10 wireless gateway module



RS232

Area Controller

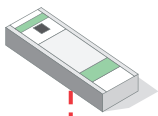


Our most advanced system just became better. RAPID is fully addressable and networkable, combining state-of-the-art technology and modular mechanics, with an easy to use graphical interface. It meets the most demanding lighting control and energy management applications, without the cost and complexity of other systems.

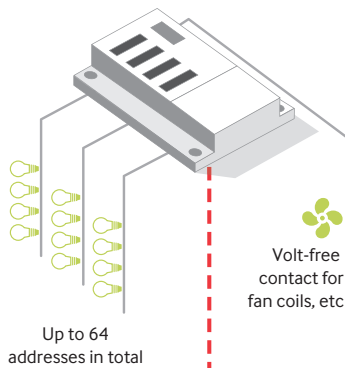
Together with our new patented Energy Measurement Technology, RAPID is the complete lighting control solution. With the help of our system partners, we can provide a full turnkey design and commissioning service.

DALI addressable

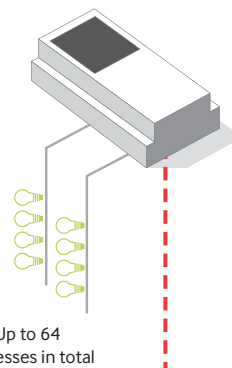
Switched or DALI/DSI broadcast compact in-line module



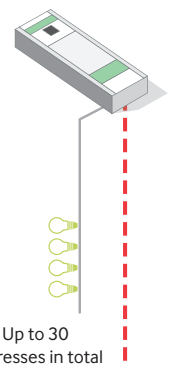
Switched and DALI pluggable module



Switched and DALI DIN rail module LCM, LMS

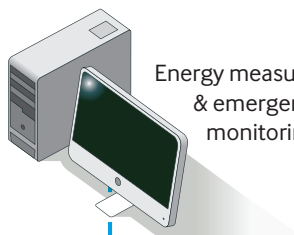


Compact in-line addressable module



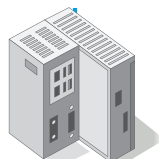
Presence detectors

Front end reporting



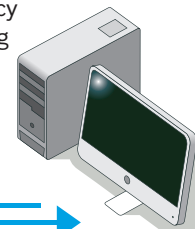
Energy measurement & emergency monitoring

Open systems gateway



BACNET

Energy measurement & emergency monitoring



Remote monitoring (off-site support/maintenance)



Reporting and monitoring options

Slim-line ballast controllers



- Switched or dimmable control of DALI/DSI or 1–10V ballasts.
- Available as a stand-alone unit or built-in unit for integration into third party luminaires.

Switch input unit



- Up to 7 volt-free inputs for use with standard or custom-made switch/button plates.
- Simple configuration presets for typical scene selection and raise/lower operation. Advanced set up features for master override selection, etc.
- Powered by internal long life battery or optional external 12V supply.

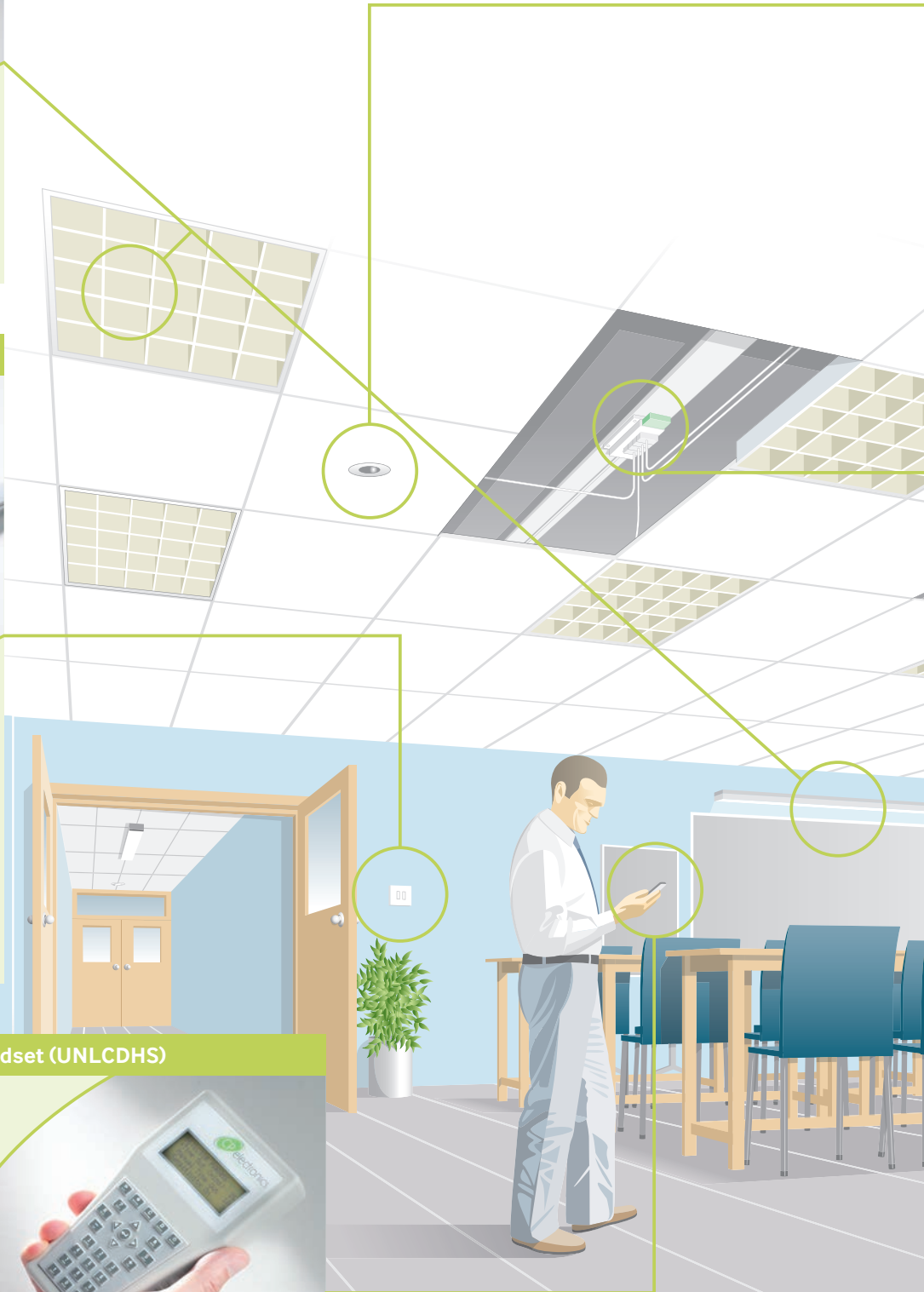
Professional commissioning handset (UNLCDHS)

- Easy programming; record, save and recall settings using macros.



Wireless Lighting Control

An-10® allows you to install a fully featured lighting control system easily and with minimal disruption.



PIR and microwave presence detectors



- The occupancy sensor and the lux level sensor in an An-10 detector can also be used to control multiple outputs in other detectors, An-10 slim-line ballast controllers and Vitesse Modular modules via the wireless system.

Vitesse Modular™ switching modules

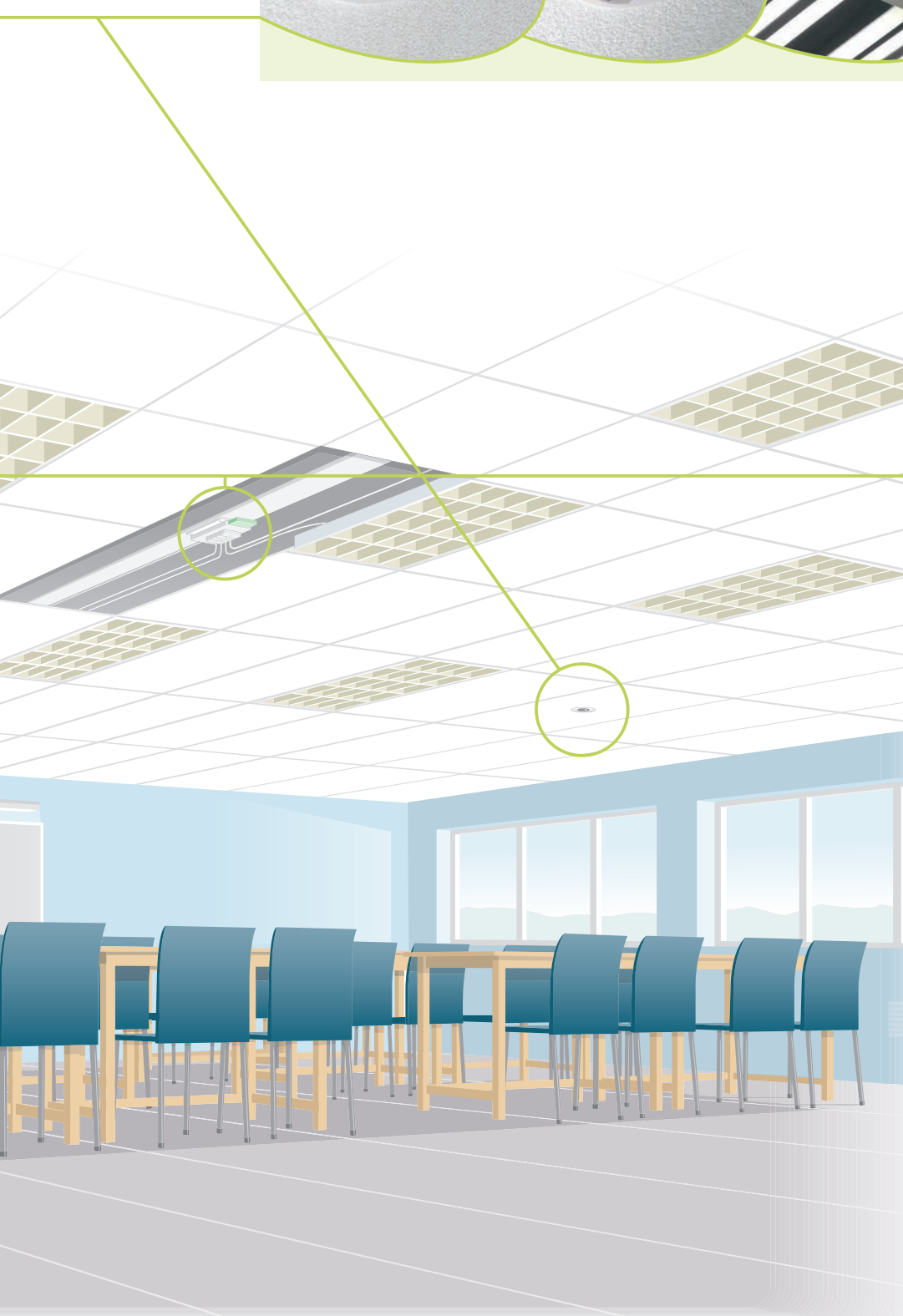


- Allows An-10 to work with the Vitesse Modular lighting connection system.
- Simple plug-in design, available in both switched and dimming versions.
- System can be easily adapted for layout changes and expansion.

RAPID – An-10 gateway



- Allows integration between An-10 and RAPID fully addressable control system.





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or www.cpelectronicscorporate.com for company information.