

APPLICATIONS CATALOG

42 SMART EXAMPLES



2021

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TECH





WIRELESS TECHNOLOGY
LIGHTING **AUTOMATION**
MADE IN ITALY

SMART AND WIRELESS SOLUTIONS
FOR THE ELECTRICAL INSTALLATION

42 APPLICATION EXAMPLES
FOR LIGHTING CONTROL,
ENERGY SAVING AND
BUILDING AUTOMATION

RESIDENTIAL, OFFICE, INDUSTRY,
HOSPITALITY AND
VISUAL COMMUNICATION

Examples of applications

Residential

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Comfort

Control with radiotransmitter



Targets:

- . Control of lights and electric shutters with portable remote control
- . Dimming spot LEDs with 1-10V dimmable driver
- . Switch On-Off 230Vac lights

Products:

- . Remote control **HB80-30D**
- . 1-10V dimmer interface **TOP-0110**
- . Control unit for tubular motors **MCU-M500**
- . On-OFF control unit **MCU-L2**



Multi-point command

Transforming wall switches into a radio control



Targets:

- . Control the light intensity from different points using the existing wall switches
- . Avoid new cabling
- . Transform existing wall switches into wireless commands

Products:

- . Radiotransmitter module **MCU-TX4**
- . Phase dimmer **MCU-DM150**



RGB Atmosphere

Smart control and voice command



Targets:

- . Manage rgb lights in a singular and synchronized way
- . Control by wired push buttons and by smartphone
- . Voice control by Google Home or Amazon Alexa

Products:

- . Control units for 12-24Vdc LEDs **Plano-One**
- . Smartphone App **OneSmart**



Examples of applications

Light dimming

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LED lamps and resistive loads

Phase dimmer

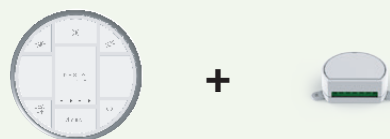


Targets:

- . Dimming LED lamps and resistive loads
- . Manual control by wired wall push buttons
- . Wireless control by remote control or motion sensor

Products:

- . Phase dimmer **MCU-DM150**
- . Portable remote control **HB80-1DIM**



Led 12-24Vdc

Multi-channel dimmers and high power



Targets:

- . Dimming of 3 zones with 24Vdc LED strips
- . Management of 1200W
- . Singular and synchronized control of the zones
- . Manual control by wired wall push buttons
- . Wireless control by remote control or motion sensor

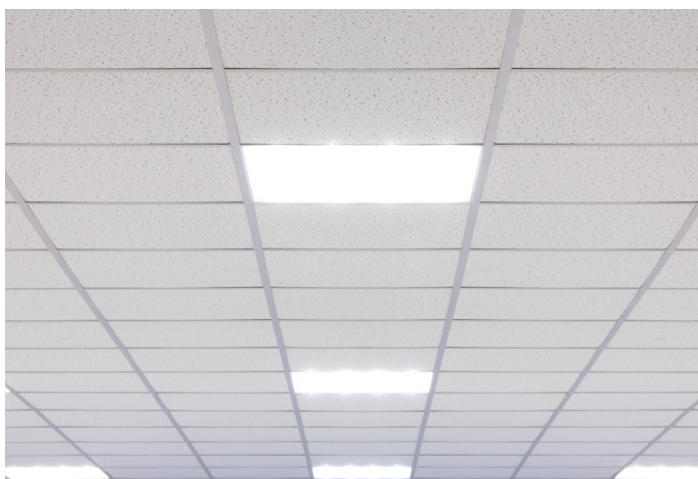
Products:

- . 4 outputs Dimmer - Master **TOP-V8/4**
- . Power extender - Slave **TOP-V8/4EXT**



Lamps with built-in DALI driver

Broadcast command interface



Targets:

- . Synchronized dimming of 6 LED panels with built-in DALI driver
- . Manual control by wired wall push buttons
- . Wireless control by remote control or motion sensor

Products:

- . Control unit for DALI drivers **TOP-DL20**
- . Wireless wall switch **OPT-4DIM**



Examples of applications

Solutions for furniture lighting

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Kitchen lighting

Multi-point command and CCT control



Targets:

- . Control the lights from 2 different points
- . Dimming and manage the light temperature (CCT)
- . Balance the light temperature (CCT) between the LED profile and the cooking hood light

Products:

- . Miniaturized remote control **Touch-1CCT**
- . Control unit for CCT LEDs **Mcu-V4/CCT**



Mirror lighting

Automatic switch on



Targets:

- . Light switch-on by motion detection
- . Manual control and light dimming
- . Independent sensor positioning and without new cabling

Products:

- . Wireless motion sensor **Touch-1SP**
- . Dimmer **PlanoV5**



Cabinet lighting

Ghost sensor system



Targets:

- . Light switch-on by the door opening
- . Avoid the cabling between the sensor and the lamp
- . Possibility to use very thin aluminium light profile that cannot contain traditional PIR sensors

Products:

- . Door motion sensor **Sensa-T**
- . Multi-channel control unit **PlanoV5/4CH**



Examples of applications

Solutions for furniture lighting

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Invisible command point

Recessed remote control



Targets:

- . Light control with hidden touch radiotransmitter
- . Control and dimming by smartphone with App Bluetooth

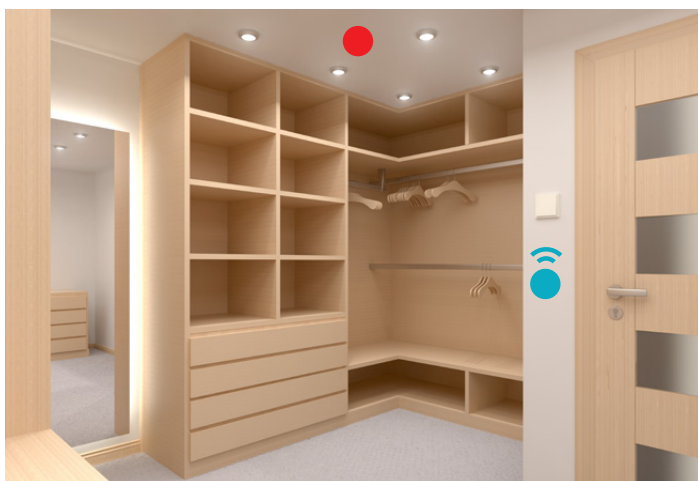
Products:

- . Recessed remote control **Round-1G**
- . Dimmer **Plano-V5/BLE**
- . Smartphone App **OneBlue**



Walk-in closet

Automatic and manual lighting control



Targets:

- . Management of constant current spot LEDs
- . Manual lighting control
- . Automatic light switch-on and gradual switch-off
- . Independent and flexible sensor positioning and without new cabling

Products:

- . Wireless motion sensor **Optima-1SP**
- . Dimmer **TOP-A/0307**



Sound transmission

The sound through the surface



Targets:

- . Invisible audio broadcasting without speaker at sight
- . Expand the Bluetooth audio transmission by smartphone through the headboard

Products:

- . Surface sound system **Sonic100**



Esemples of applications

Outdoor lighting

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Garden lighting

Time schedule



Targets:

- . Set up the garden lights switch-on at the sunset and the switch-off at the sunrise
- . Remote control the lights by smartphone from wherever in the world

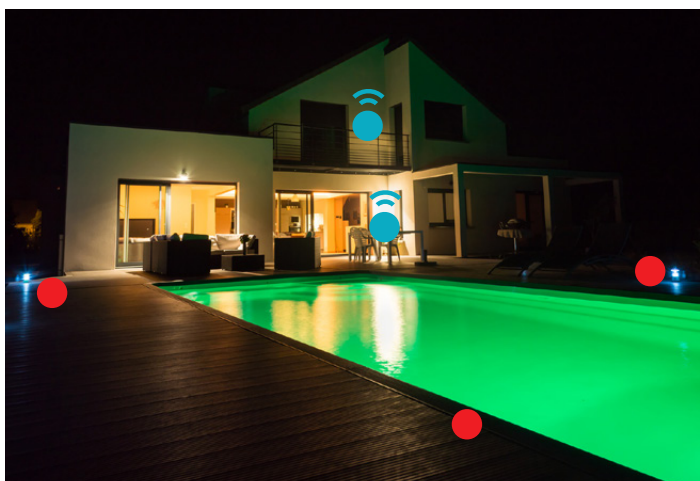
Products:

- . 4 channels control unit **Logic-400/ONE**
- . Smartphone App **OneSmart**



Swimming pool lighting

Dynamic RGB light effects and lighting control



Targets:

- . RGBW LEDs control with portable remote control
- . Management of 3 outdoor light lines by remote control and wireless wall switch

Products:

- . Portable remote control **HB80-4C**
- . Wall remote control **OPT-4G**
- . Control unit for RGBW LEDs **Top-V8/RGBW**
- . On-Off control unit **Mcu-L2**



Pergola lighting

Smart control



Targets:

- . Control by wired push button and smartphone of constant current LEDs with 1-10V dimmable driver
- . Automatic light dimming at 20% between 11:00 PM and 5:00 AM

Products:

- . Control unit **Top-0110/ONE**
- . Smartphone App **OneSmart**



Esemples of applications

Automation of gates, doors and electric shutters

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Gate and door automation

Remote control from wherever in the world



Targets:

- . Control the doors by smartphone from wherever in the world
- . Control the state of the gate open/closed by smartphone
- . Add one command point inside the garage without new cabling

Products:

- . Control unit **Plano-1224/ONE**
- . Wall remote control **Opt-2G**
- . Smartphone App **OneSmart**



Automation of blinds/shutters

Radio control



Targets:

- . Management of 4 electric blinds by portable remote control in a singular or synchronized way
- . Add one command point for each window without new cabling

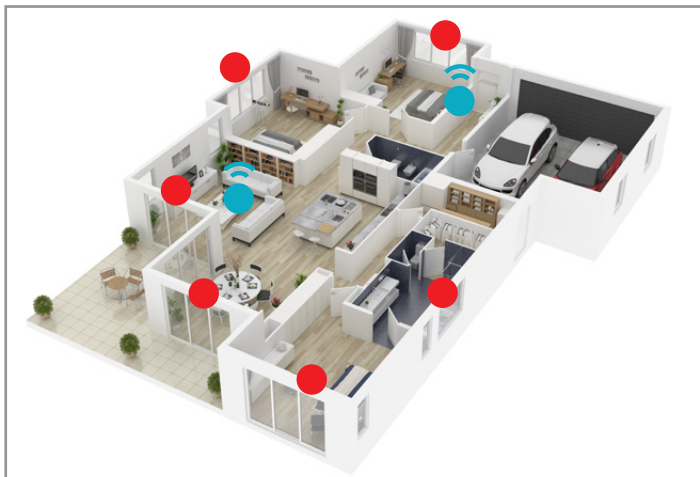
Products:

- . Miniaturized remote control **Touch-1L**
- . 4 channels portable remote control **HB80-4L**
- . Control unit for motors **Mcu-M500**



Automation of blinds/shutters

Smart and centralized



Targets:

- . Control of electric shutter by wired push button and remote control
- . Using two existing wall push buttons for creating a centralized command total open - total close
- . Remote control by smartphone

Products:

- . Smartphone App **OneSmart**
- . Control unit **Mcu-M/ONE**
- . Portable remote control **HB80-30D**
- . Recessed radiotransmitter module **Mcu-TX4**



Example of applications

Office / Industrial

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Office lighting

Utility and comfort



Targets:

- . Simple lighting control conveniently with a portable radio control with magnetic wall fixing
- . Manual or automatic dimming via Smartphone to create the ideal atmosphere in any situation

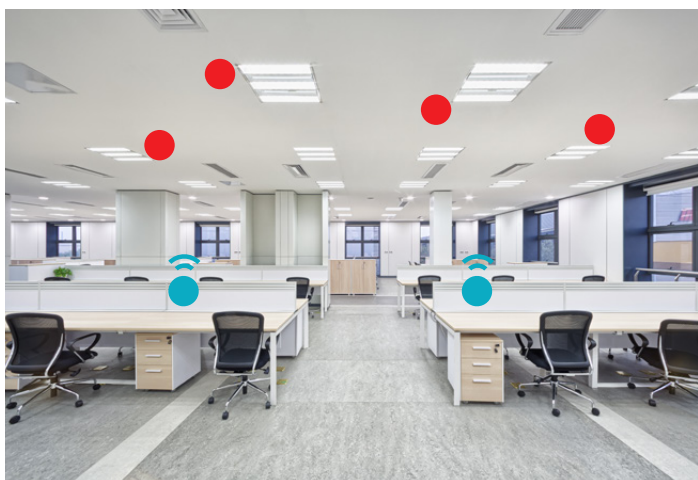
Products:

- . Radio control **HB80-4DIM**
- . Smart Led controller **PLANO-ONE**
- . Smartphone application **OneSmart**



Office lighting

Energy saving



Targets:

- . Switching the lights On-Off on the various workstations automatically with energy saving benefits
- . Manual or automatic dimming to create the correct lighting on the different workstations during the day
- . Radio motion sensor with wall mounting

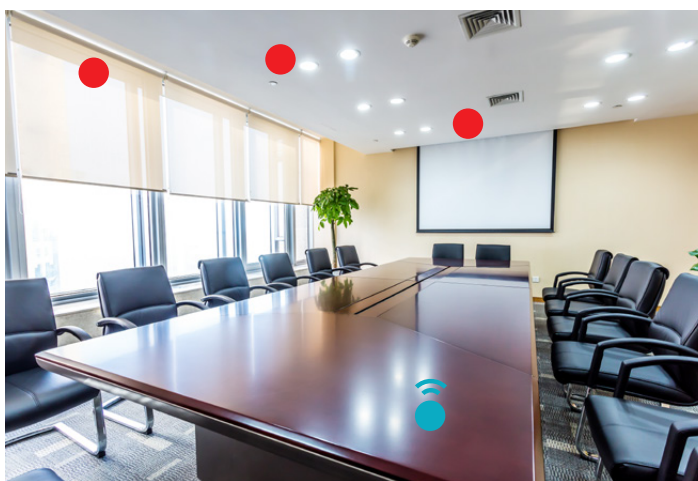
Products:

- . Radio motion sensor **TOUCH-1SP**
- . Dimmer radio for DALI drivers **TOP-DL20**



Multi-management of a meeting room

Only one remote control for everything!



Targets:

- . Simultaneously control of multiple elements in a meeting room:
 - motorized shutters (up/stop/down)
 - ceiling lights (on/off + dimmer)
 - tubular motor for projector (up/stop/down)

Products:

- . Portable radio remote control/magnetic fixing **HB80-30D**
- . Control unit for electric motors **MCU-M500**
- . Dimmer radio control for 0-1/10V driver **TOP-0110**



Example of applications

Office/ Industrial

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Remote control for LCD glass

Wireless solutions



Targets:

- . Remote switching (on-off) of LCD glass
- . Remote control for LCD glass by dimming the blur intensity
- . Portable control solutions with wall fixing or with an alternative magnetic wall fixing

Products:

- . Portable remote control/magnetic wall fixing **HB80-1DIM**
- . LCD glass dimmer **MCU-DM150**



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Public office

Lights scheduling



Targets:

- . Turning on the lights at a time with manual settings
- . Dimming automatically at a set value during closing hours
- . Manually set the automatic dimming values to ensure the best energy saving setting

Products:

- . Smart radio controller **TOP-0110/ONE**
- . Smart application **OneSmart**



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Industrial lighting

Less wiring, less costs



Targets:

- . Create an industrial lighting system by breaking down electrical plant costs thanks to radio communication
- . Allow a dynamic transformation of the system by simply changing the addresses of the control units

Products:

- . Radio controller DALI **TOP-DL20**
- . Wireless/wired radio wall switch **OPTIMA-4G**



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Examples of applications

Hospitality

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Centralized solution Hotel Hall

Multi-system management from a single app

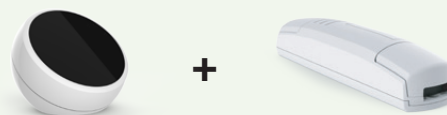


Targets:

- . Manage the lights of an entire Hotel Hall from a very simple and centralized control device
- . App to control the entire plant from a Tablet / PC / Smartphone

Products:

- . Control unit hub with a dedicated application **HUB-100**
- . Multiple light control units based on the installed light source



Counter backlight

Light management and dimming

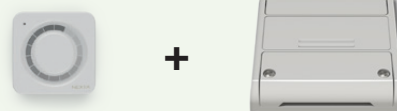


Targets:

- . Easy radio control unit installation to control the lighting of a reception counter
- . Manual on/off and dimming thanks to an user-friendly wireless remote control

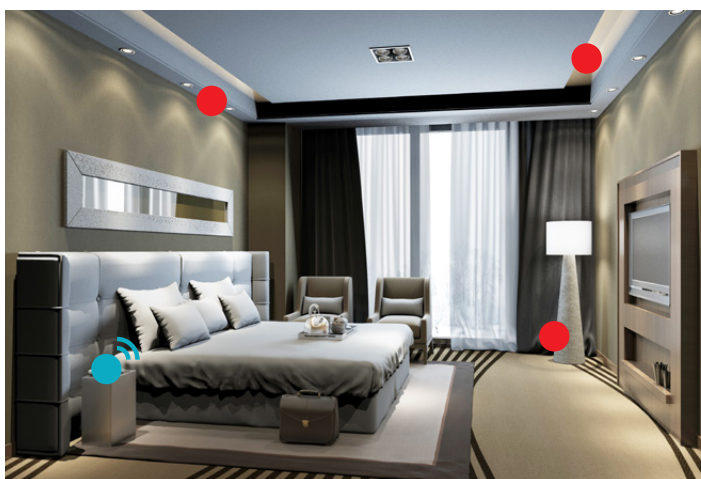
Products:

- . Small-size radio control **TOUCH-1DIM**
- . Radio controller dimmer **PLANO-V5**



Hotel rooms lighting

High-impact and low-cost solution



Targets:

- . Make a practical remote control available to the customer for the management of lighting in the room
- . Install different types of radio control units with the possibility of be able to manage them through the same remote control (for LEDs single color, CCT, RGB or RGBW)

Products:

- . Radio remote control / wall fixing **HB90-6LT**
- . Multiple light control units based on the installed light source



Examples of applications

Hospitality

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Backlighting location

RGB lighting system



Targets:

- . Management of the RGB lights of a backlit bar counter
- . Remote radio control for scene change / color change / dimming lights
- . Setting themed scenes directly from the Smartphone App

Products:

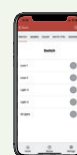
- . Bluetooth controller **PLANO-V5/RGBW-BLE**
- . Remote control with magnetic fixing **HB80-4C**



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Restaurant dining room

Effective dimming for each table



Targets:

- . Manage the lighting by dimming and making the right and desired light intensity above each table
- . Hot / cold light setting through automatic scenarios which allow you to create the right atmosphere every hour

Products:

- . Smart control unit **MCU-DM/ONE**
- . Wireless radio remote control **HB80-30D**

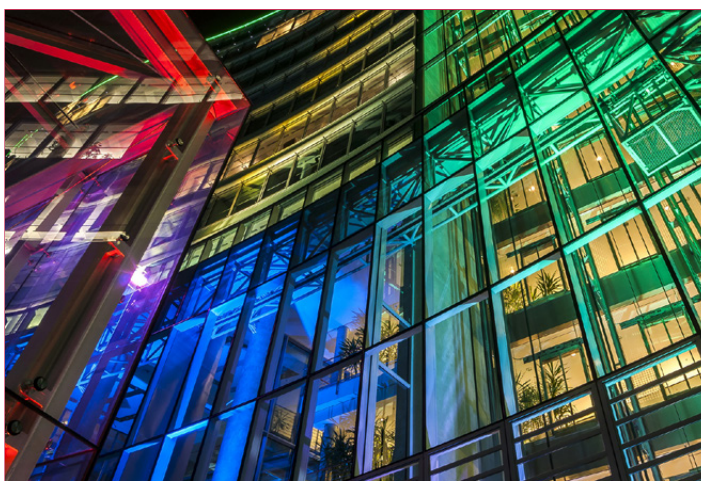


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Building facade light control

High power RGB lights management



Targets:

- . Remote management of building facades lights through practices multi-channel radio controls
- . Use of high power RGB control units placed on a dedicated box (on-off and color / scenario management)

Products:

- . Portable radio control **HB80-4C**
- . Controller **TOP-V8/RGBW** and power extender **TOP-V8/EXT**



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Staircase lighting

Timer function



Targets:

- . Convert wired buttons to wireless remote controls
- . Timed switching off of lights with values that can be set manually
- . Radio signal extension thanks to convenient recessed repeaters

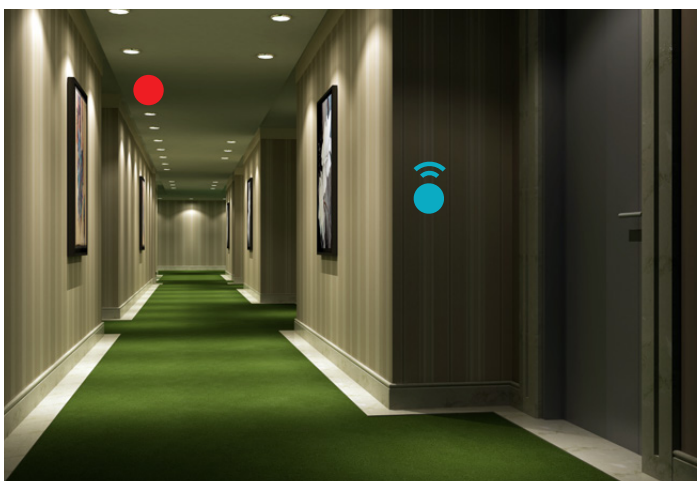
Products:

- . RF converter **TOUCH-TX4**
- . Controller with timer function **MCU-L1**
- . Radio signal extender **MCU-RR**



Corridor lights control

Wireless sensor + radio controls

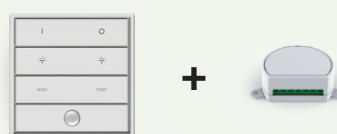


Targets:

- . Turning on the lights upon detection of a movement
- . Manual setting of the light brightness thresholds in On and Off upon detection
- . Wall-mounted remote control with integrated motion sensor

Product

- . Radio phase dimmer **MCU-DM150**



Stair steps lighting control

Motion detection invisibly

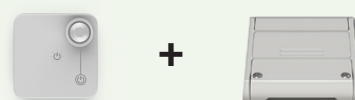


Targets:

- . Staircase lighting control via radio sensors or touch buttons
- . No wiring between light sources and sensors
- . Possibility to change the system configuration simply and quickly thanks to the countless advantages that radio frequency offers

Products:

- . Small-size and wireless motion sensor **TOUCH-1SP**
- . Radio dimmer controller **PLANO-V5**



Examples of applications

Retail shops

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Shop windows lighting

Energy efficiency and attractiveness

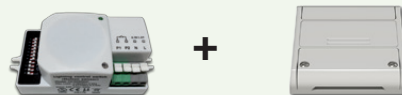


Targets:

- . Variable dimming value setting at night time
- . Light up the shop windows with a greater intensity of light with the passage of people in front of it to attract

Products:

- . Smart control unit **PLANO-ONE**
- . Motion sensor for shop windows **SENSOR-V**



Shop lighted expositors

More welcoming and effective environment



Targets:

- . Manage the lights of a backlit shelving, of an entire wall of the shop or backlit exhibitors
- . Vary the temperature of the warm-cold lights automatically or manually to make the environment more welcoming during the different phases of the day

Products:

- . Small-size remote control **TOUCH-1CCT**
- . Radio controller **MCU-V4/CCT**



Shop environment lighting

Remote control of a group of shops



Targets:

- . Lighting remote control of a group of shops (up to 50 with one account) by App OneSmart
- . Manage and apply different lighting scenarios comfortably from a single Tablet / Smartphone application
- . Easy of use through a user-friendly interface

Products:

- . Smartphone App **OneSmart**



Examples of applications

Visual communication solutions - signs and lightboxes

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Outdoor signs

Energy saving and dimming



Targets:

- . Switching On and Off automatically the signs
- . Dimming of the lights during night with variation of light intensity that change according to the time period (e.g. 100% of light at 20:00, 60% of light at 01:00) with a high energy savings on the system

Products:

- . Smart control unit **PLANO-ONE**
- . Smart application **OneSmart**



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Lightbox lighting control

Remote control and dimming



Targets:

- . Remote management of lightboxes and backlit panels
- . Manual control of a single / group of lightboxes and Led light dimming to create the desired environment
- . Reliable wireless radio control with the ability to operate at a maximum distance of 80 meters in open spaces

Products:

- . Small-size remote control **TOUCH-1DIM**
- . Radio dimmer for Led driver 1-10V **TOP-0110**



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Lightbox effects

Greater attractiveness



Targets:

- . Radio motion sensor that allows the activation of an higher level of light intensity to attract people attention
- . Radio controls integrated in the sensor to be able to perform some On/Off operations and manual dimmers

Products:

- . Smart motion sensor **OPT-1SP/PW**
- . Control unit **TOP-V8/4**



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Examples of applications

Visual communication solutions - signs and lightboxes

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Shops window lighting

Light effects



Targets:

- . Shop window lights management from a single remote control or from the dedicated Smartphone application
- . Creation of different light scenarios selectable from app
- . Light dimming for a correct shop window setting

Products:

- . Smart control unit **PLANO-ONE**
- . Radio control **HB80-4C** or APP **OneSmart**



Smart expositors

Lighting control and sound



Targets:

- . Manual control and expositor light dimming
- . Commercial audio reproduction with Bluetooth source and sound transmission through the expositor surface

Products:

- . Small-size radio control **TOUCH-1DIM**
- . Control unit **MCU-V5**
- . Motion sensor **SENSOR-V** and sound system **SONIC-100**



Supermarket checkout lights

Checkout open/closed lights control

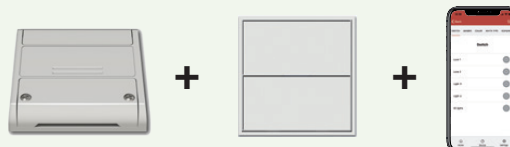


Targets:

- . Manage each cashout opening/closing by a radio remote control without any cabling
- . Centralized control by App for Tablet and Smartphone

Products:

- . Radio and Bluetooth control unit **PLANO-V5/RGBW/BLE**
- . 2 buttons remote control **OPT-2G**
- . App Bluetooth **OneBlue**





WIRELESS TECHNOLOGY
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PASSION DRIVES INNOVATION

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