

wilson
&bradley

L&S LIGHTING

MEC SYSTEMS

An evolution in lighting

L&S

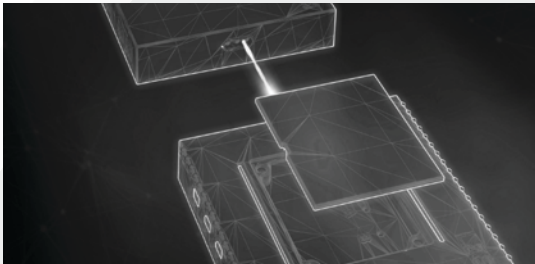
CONTENTS



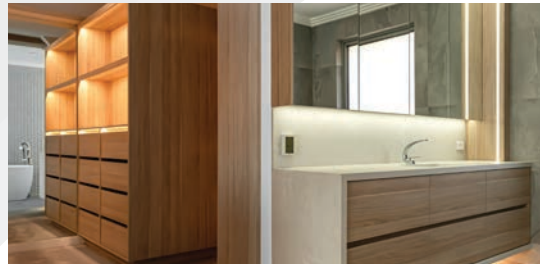
6. Introduction



10. L&S MEC Systems



12. Driver



16. How To Select Lighting



23. Standard Module



24. Wired Sensor Module



25. Smart Module



26. Bluesmart Module

L&S MEC SYSTEMS

WILSON & BRADLEY

Founded in Italy in 1977, L&S has grown to become a fundamental producer of contemporary lighting solutions.

Proud of being among the international leaders in the lighting sector, L&S is currently present in over 70 countries worldwide with locations in Italy, Germany, China and the United States.

In this brochure you will find the latest L&S MEC Driver solutions exclusive to Wilson & Bradley.

L&S design and manufacture bespoke solutions to help transform your space. Perfect for both residential and commercial applications, the L&S Lighting range adds a touch of elegance and class to any project.



Scan the QR code to view the full L&S technical brochure.



WE HELP
MAKE YOUR
PROJECTS
SHINE



Indoor Lighting Solutions

- Lights that can be integrated into furniture: linear lighting, strip lighting and downlights.
 - Ceiling and wall lights
- Lighting to illuminate cabinetry
- Aesthetic architectural lights.

Integrated Systems

- Power systems and related accessories (components needed to enhance the use of light)
- Remote control: Wi-Fi, Bluetooth, Alexa and Google Home, voice control, radio controls, wired or wireless sensors.



TRANSFORM YOUR SPACE

The correct lighting can help transform a space. Light can create ambience and warm up a room. Lighting is a vital element, capable of enhancing the experience of a room or piece of furniture.

L&S Lighting consists of top of the line LED lighting, available in many styles and colours to suit any space.

Commonly used for accent lighting in kitchens, shelving, stairs and many other locations throughout the home, LED lighting can be easily incorporated into existing spaces or included in new designs.

The new comprehensive MEC driver from L&S makes it much easier to set up and control your LED lighting, saving time and making it easier to install.

Plug & Play

The plug and play capabilities of the MEC driver makes the L&S Lighting easy to install and does not require the assistance of a qualified electrician.

Simple Three Step Process:

- 1.** Choose your desired lighting:
LED strip lighting or
LED downlights
- 2.** Attach to your desired surface
- 3.** Plug in and switch on





SMARTER TECHNOLOGY
EASIER INSTALLATION
BETTER EXPERIENCE





L&S MEC SYSTEMS

L&S

The next evolution in lighting from L&S, exclusive to Wilson & Bradley, is the all new MEC driver system.

The MEC system is a brand new driver that boasts flexibility and ease of use like never before. It is easy to install, control and transform your space.

The heart of the system is the new multi-voltage power source, available in five different levels of wattage and suitable for 12V and 24V applications.

The MEC system makes it much easier to connect your lighting to a multitude of applications.

These include applications such as:

- Standard module
- Sensor and touch switch applications with the Wired Sensor module
- Voice activated commands, wireless remote and sensor capabilities with the Smart module
- Smartphone app control and wireless remote and sensor capabilities with the Bluesmart module



Standard Control

- Turn lights on and off via a switch

Sensor Control

- Turn lights on and off via a sensor that detects movement

Touch Control

- Turn lights on and off and adjust brightness and colour temperature via touch

Remote Control

- Turn lights on and off and change the brightness and colour directly from the remote control

Smartphone Control

- Control lights with an app installed on any smartphone

Voice Control

- Can be integrated with Google Home or Amazon Alexa. This allows total control of your lights via voice commands.





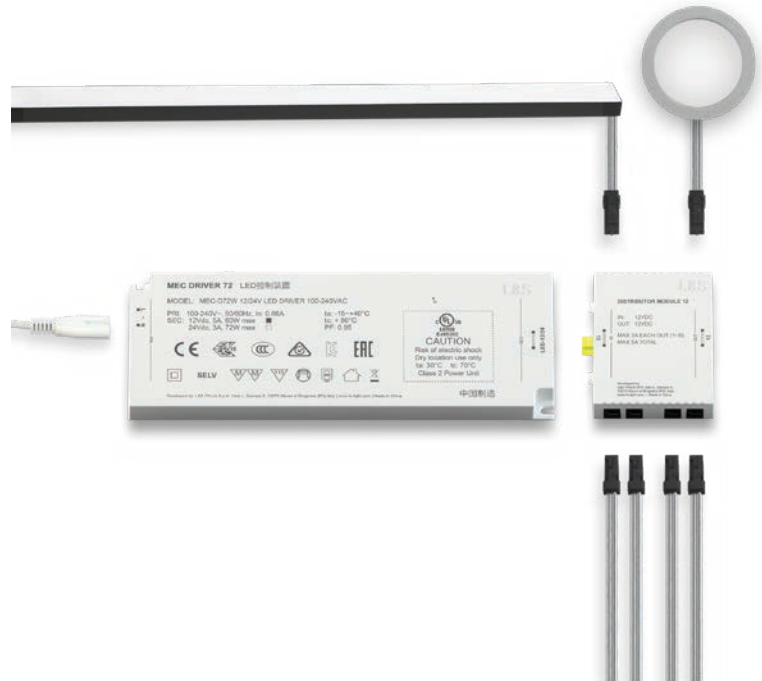
ONE DRIVER
MANY SOLUTIONS

ONE DRIVER MANY SOLUTIONS

L&S

Standard Configuration Standard & Wired Sensor Modules

- The Standard Configuration incorporates our standard and wired sensor modules.
- The simple way to connect your lights – use the distribution modules plugged into the MEC driver to connect up to 8 lights.
- These modules can also be coupled together to power more lights and cater to more applications.



Smart Configuration Smart & Bluesmart Module

- The Smart Configuration incorporates our Smart and Bluesmart modules
- The smart way to connect your lights – use the smart distribution modules plugged into the MEC driver to connect up to 8 lights to be controlled remotely through the suggested wireless controllers, wireless sensors, voice commands or directly from your smartphone with the Bluesmart app.
- Choose one of the modules to control the lights via smart controllers, sensors, smartphone or smart device such as Amazon Alexa or Google Home.
- These modules can also be coupled together to power more lights and cater to more applications



COOKIE MIX

COOKIE

Hand & Apple
SANDWICH Spread

PASTA CORTE





Project by: Ivo Cabinets

HOW TO SELECT YOUR LIGHTING SYSTEM

1. SPACE/FUNCTION

Choose where and how you would like to use your L&S lighting.

2. COLOUR

Choose which colour lighting is required: Cool white, warm white, natural white, emotion or RGB.

3. LIGHTS

Select what type of lights you would like to use and how many. This will depend upon the brightness required and space size.

LED lights are highly adaptable and customisable to fit your precise needs.

Follow the below steps to easily design your lighting system.

4. DRIVERS

Select your driver(s) depending on how much power and what kind of control you need for your lighting. Drivers are rated by wattage, the wattage of an LED driver must be greater than the total wattage of the LED lighting connected to it.

5. CONTROL

How do you want to control your lights? L&S have suitable modules for all functionalities.

STEP 1: SPACE

L&S lighting is suitable for use in a range of residential or commercial applications.

Kitchen



Living room



Bathroom



Wardrobe



Stairs



Shelves



Office



Speciality



STEP 2: COLOUR

EFFECT (WARM, NATURAL, COOL & RGB)

Warm, natural and cool white are measured on a Kelvin scale, represented by the letter 'K'. Kelvin (K) is a measurement used to describe the colour temperature, warmth or coolness of a light source.

Warm white is around 3000K, natural white is around 4000K and cool white is around 6000K.

Warm white is a low colour temperature and has a very warm, yellow and even orangey tone to it. Warm white is a very similar colour temperature to the traditional incandescent bulbs.

Natural white has a slight hint of warmth, and provides a nice, clean appearance. Cool white on the other hand has a high colour temperature and is a very bright, clean, white light.

There are many different advantages in choosing warm, natural or cool white. So, you should consider the purpose, style and mood of a space to help you choose the perfect colour temperature for you.

Warm White ww

Creates an inviting cosy area.
Generally used in rooms where everyone gathers to visit or relax.



Neutral or Natural Light nw

Creates a natural daylight effect.
It mimics natural light and can be comfortably used anywhere in the home.



Cool White cw

Complements contemporary and modern styles casting a bright, fresh glow. Cool white is great for task lighting as it is a brighter, more focused light.



RGB

Perfect for either highlighting or accenting areas, RGB strip lighting is energy efficient and gives you the ability to change the colour of a room at the touch of a button.



STEP 3: LIGHTS

How many lights do you want to connect?

NUMBER OF LIGHT FIXTURES	MODULES
0 - 2	All Modules
4 + controlled simultaneously	Standard, Wired Sensor, Smart & Bluesmart Modules
4 controlled separately	Bluesmart Module



Modules can be coupled to power multiple lights where needed.

STEP 4: DRIVERS

It is best to outline your whole project to see how many metres of strip or total amount of downlights you will be using in total.

Each driver has a maximum load capacity given in watts. The length of strip or number of downlights you can connect to a single driver is dependent upon the maximum load of the driver.

Driver selection is based upon desired length, amount of lights, chosen colour and brightness required.



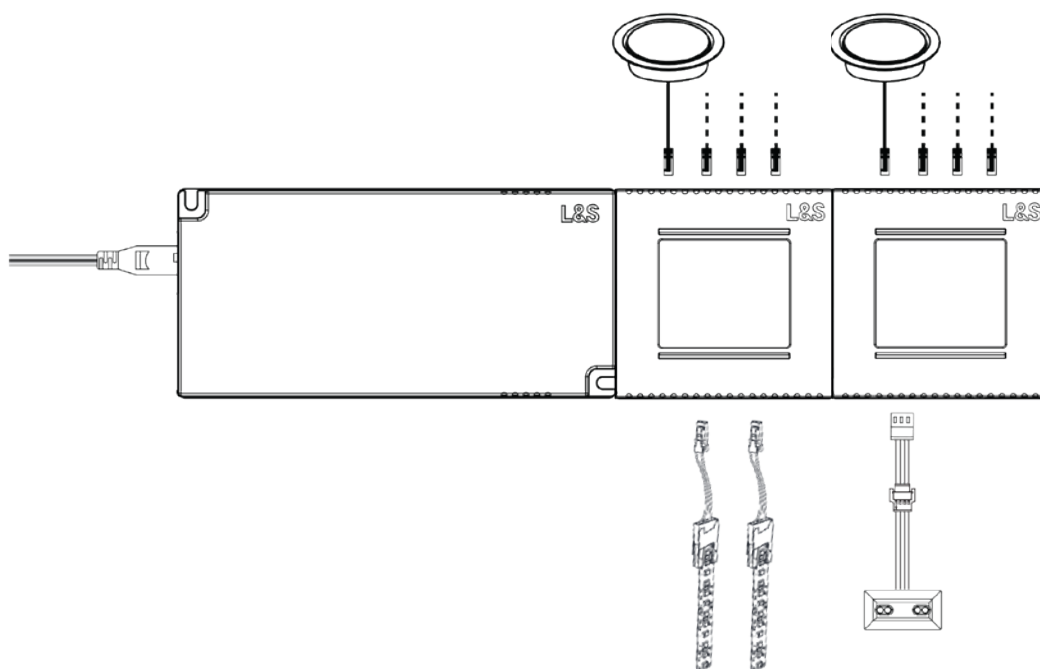
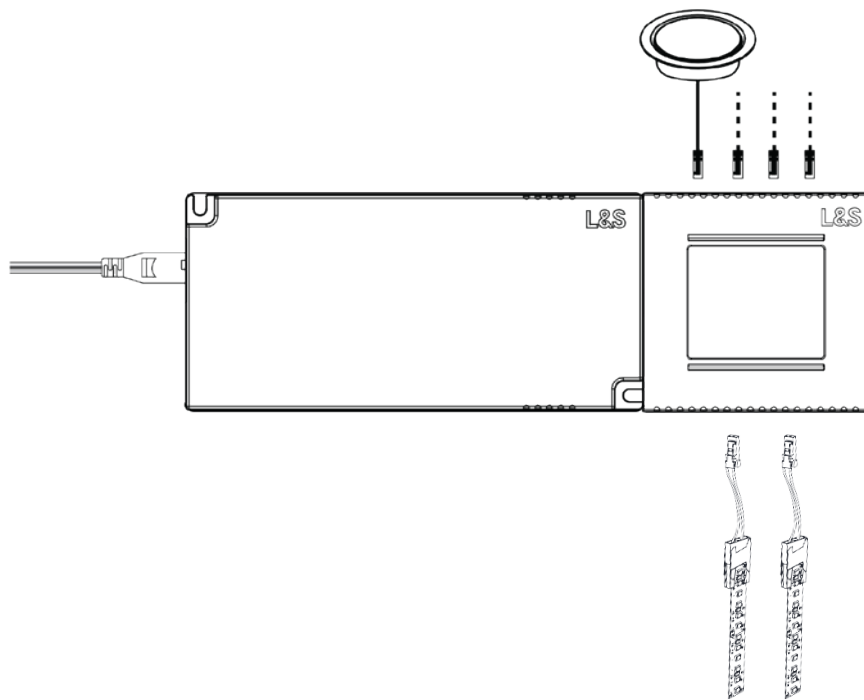
STEP 5: CONTROL

How do you want to control your lights?

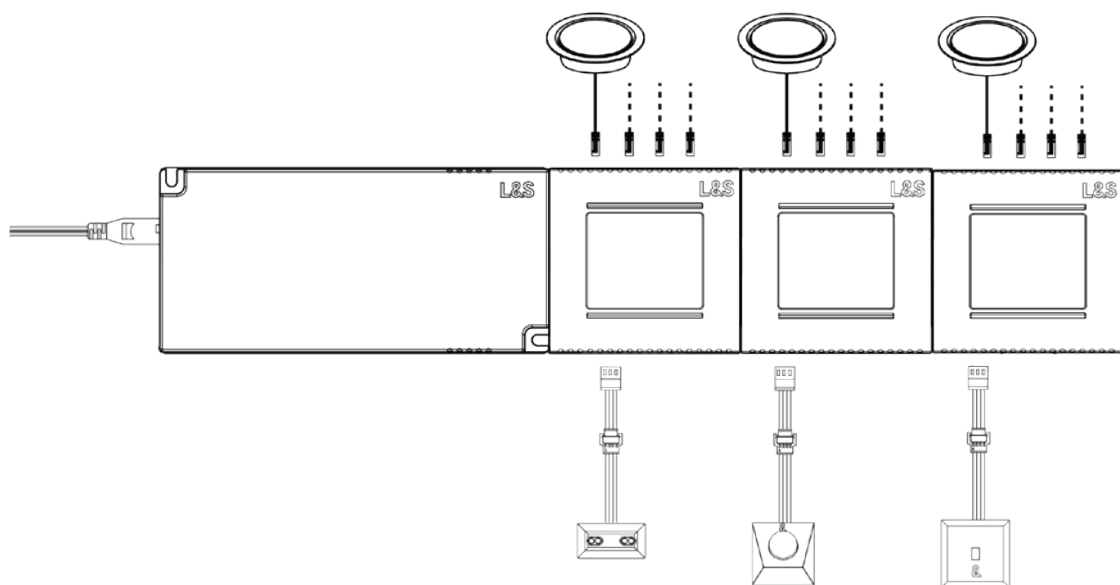
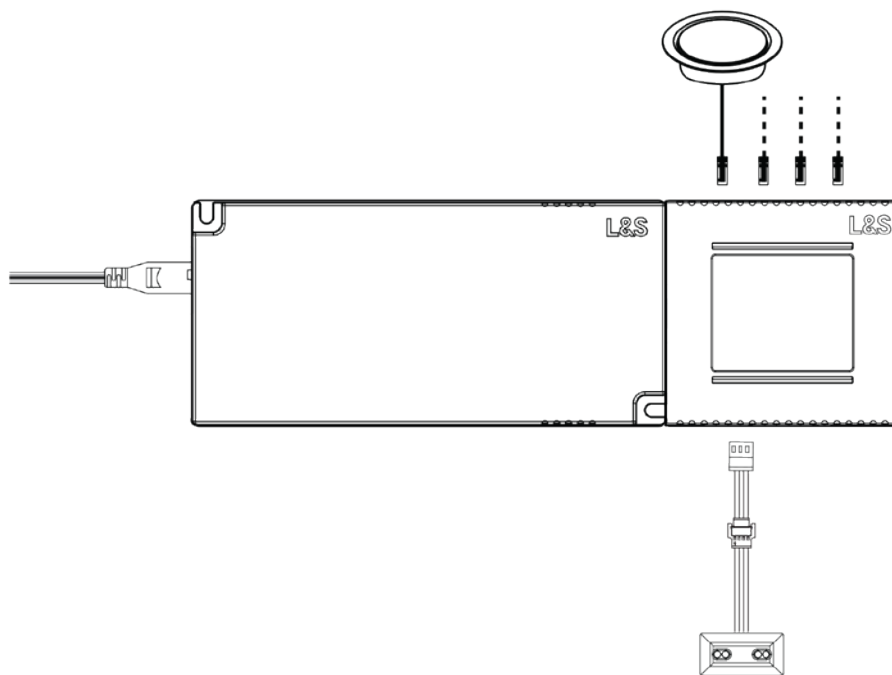
MODULE	CONTROL
Standard Module	Can only be controlled via a power switch.
Wired Sensor Module	Control lights by using wired switches and sensors that can control on/off functions as well as dimming. Available wired accessories include Double Door IR Sensors, PIR Motion Sensors as well as Touch Switches.
Smart Module	Control lights by using voice controls and/or wireless remote controllers and sensors for ON-OFF, dimming and colour management functions.
Bluesmart Module	Control lights by using Bluetooth app and/or wireless remote controllers and sensors for ON-OFF, dimming and colour management functions.

SUITABLE FOR MANY CONFIGURATIONS

Distribution modules can be coupled to create a variety of applications to suit any scenario.



SUITABLE FOR MANY CONFIGURATIONS

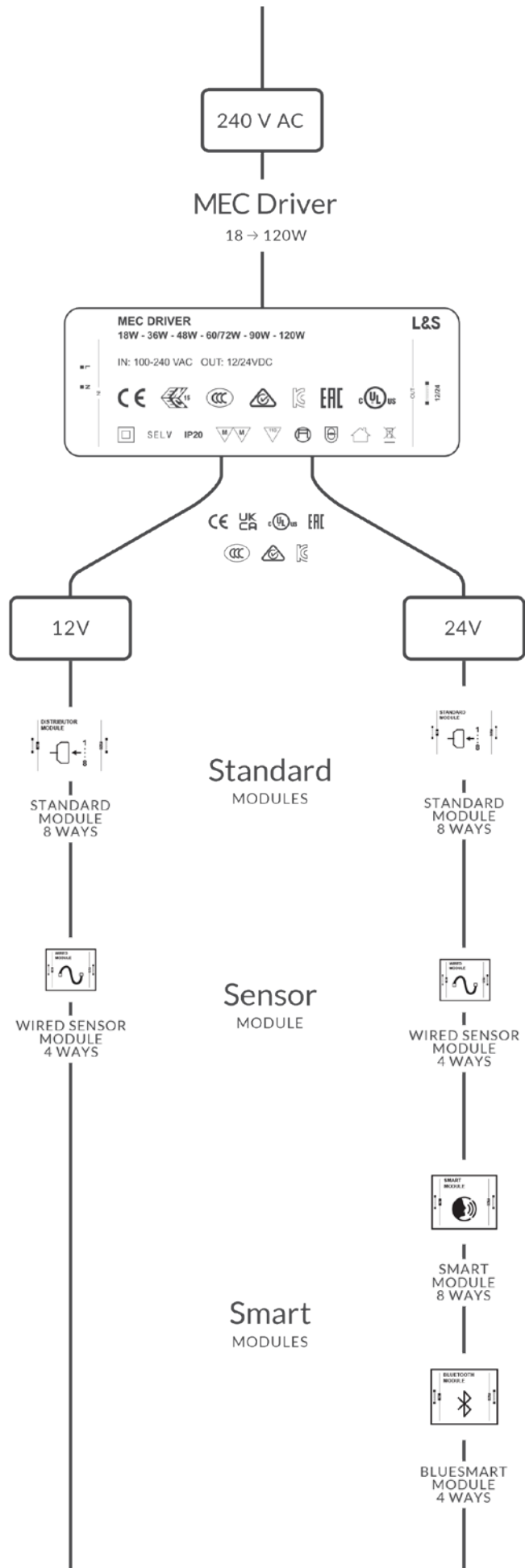


ONE DRIVER MANY SOLUTIONS

The power supply module is the heart of the MEC Driver system.

Available in 5 power sizes, it can be combined with both 12V and 24V distribution and control modules. These modules can be docked to the power supply module, allow you to better manage your lighting system.

- 5 power sizes
- Slimline
- Plug and Play
- 12V and 24V into 1 driver!
- Ranging from 18W to 120W
- Flexibility
- Cost effective
- Ability to connect multiple distribution modules onto each other for large amounts of lights and different applications



IT WORKS BOTH 12VDC AND 24VDC



MULTI-VOLTAGE
Input: 240V AC Output: 12\24V DC

DISTRIBUTION MODULE RANGE

STANDARD MODULE

The Standard Distribution module is our standard control module, allowing for control only via a power switch.

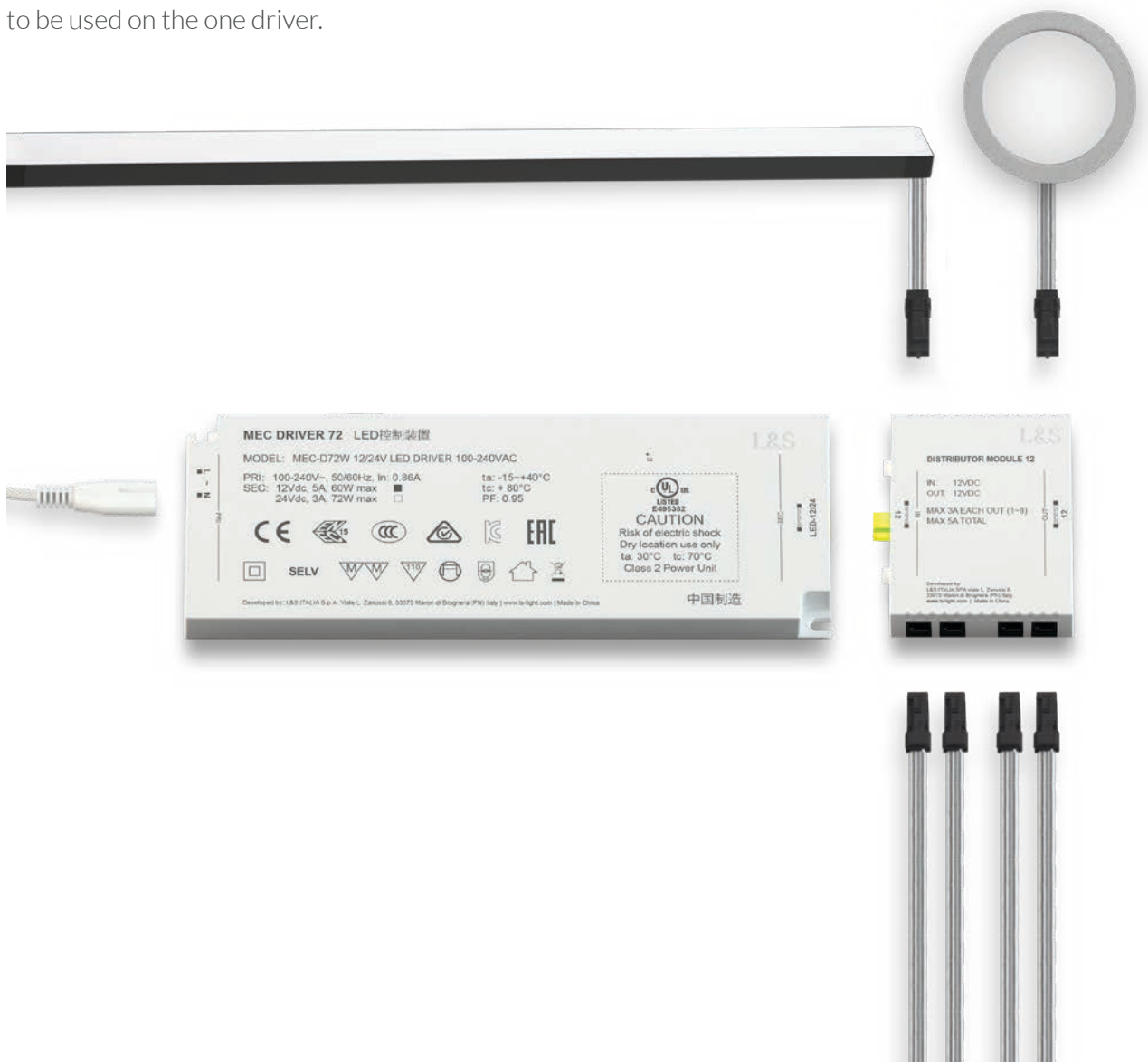
Available in 12V or 24V versions, this module allows up to 8 lights to be connected per distribution module.

The flexibility of the MEC System allows for multiple Standard Distribution modules to be used on the one driver.

Allowing for more lights to be powered from the one driver creating a more flexible, cost effective system!

The MEC System also allows for the Standard Distribution module to be paired with other distribution module types from the one driver.

Being able to have different configuration types caters to more applications and gives flexibility like never before.



WIRED SENSOR MODULE

The Wired Sensor Distribution module is a module that allows you to control your lighting via sensors with the L&S IR and PIR sensors. Alternatively, L&S touch switches can be used to turn the lights on and off and also control brightness.

Multiple sensors and switches can be used with the same driver, meaning you can control numerous lights depending on your application. The Sensor Distribution module has a maximum of 4 output lights. This module is compatible with IR, PIR, Sensors and Touch Switches.

The flexibility of the MEC System allows for multiple Wired Sensor Distribution modules to be used on the one driver!



Wired IR, PIR Sensors & Touch Switches

SMART MODULE

Control lights by using voice commands and/or wireless remote controllers and sensors with the Smart Module.

Available in 24V, the modules can be connected to other distribution modules as long as the same output voltage is maintained. Maximum of 8 output lights.

The Smart Distribution module is also compatible with wireless smart remotes, sensors and touch switches. The flexibility of the MEC system allows for multiple smart modules to be used off the one driver!

SMART REMOTES AND SENSORS

The L&S Smart Distribution module can be controlled via wireless remotes, touch switches and sensors.

The Smart distribution module can be controlled via wireless remotes, touch switches and sensors. They can be used to control on/off functions, the light intensity and the colour temperature in the Emotion and RGB versions.

L&S VOICE APP INTEGRATION

The L&S Smart distribution module seamlessly connects to any smart home device through the custom Smarty Voice app. This allows you to control the lighting direct with your voice.

Voice-activated lights are no longer a thing of the future. Use simple commands to control any of your homes smart lights including setting scenes, switching lights on and off, dimming, brightening, as well as colour changing.



Smart Home Capability

Touch Switch & Sensor

Smart Remotes

BLUESMART MODULE

The Bluesmart distribution module allows you to control up to 4 output lights using the Bluesmart app which can be downloaded for free from the Apple App store or Google Play store.

The Bluesmart Distribution module is also compatible with wireless smart controllers, smart touch and smart sensors.

Available in 24V, the modules can be connected to other distribution or control modules as long as the same output voltage is maintained.

SMART REMOTES AND SENSORS

The L&S Bluesmart Distribution module can also be controlled via wireless remotes, touch switches and sensors.

The Smart and Bluesmart modules can be controlled via wireless remotes, touch switches and sensors. They can be used to control on/off functions, the light intensity and the colour temperature in the Emotion and RGB versions.



Touch Switch & Sensor

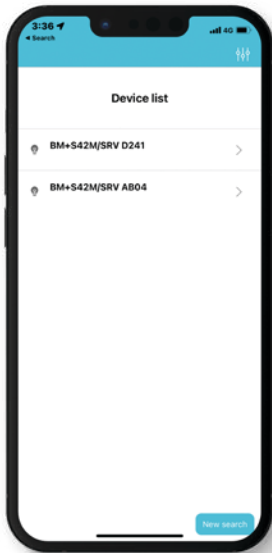
Smart Remotes



BLUESMART MOBILE APP

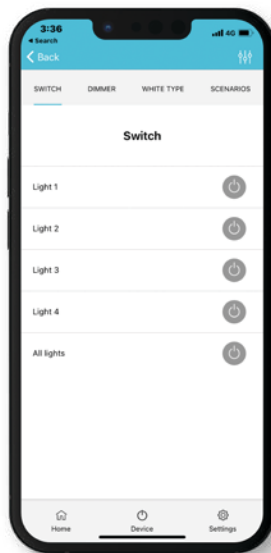
The L&S Bluesmart Distribution module seamlessly connects to any smartphone device through the custom Bluesmart app. This allows you to control the lighting direct through your phone.

The app allows you to set scenarios, control the ambience, change the colours and much more.



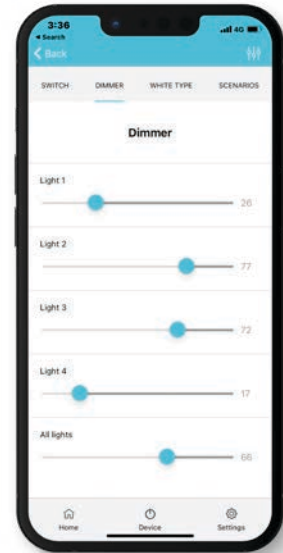
DEVICE SETTING

Displays the connected devices divided into zones.



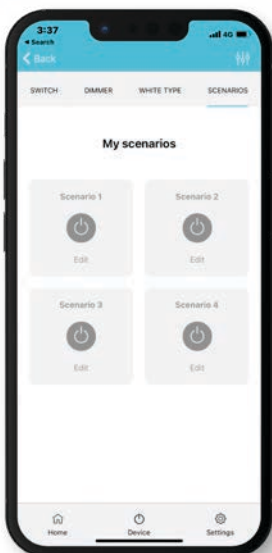
SWITCH MODE

Allows you to select and switch on or off individual zones.



DIMMER MODE

Allows you to adjust the light intensity of each individual light.



SCENARIO MODE

It allows you to manage up to 4 different scenarios to configure with your preferred settings.



WHITE MODE

In the Emotion version you can select the colour temperature of each individual light.



RGB MODE

In the RGB versions, it allows you to select the colour tone of each individual light.



Instagram:
@wilsonandbradley



Facebook:
Wilson & Bradley



YouTube:
@wilsonandbradley



TikTok:
@wilsonandbradley



Pinterest:
@wilsonandbradley



ArchiPro:
@wilsonandbradley

Melbourne

94 Bell Street
Preston VIC 3072

Sydney

Unit 4, 3 Basalt Road
Greystanes NSW 2145

Perth

19 Christable Way
Landsdale WA 6065

Brisbane

Building 4.1, Logrunner Place
Willawong QLD 4110

Adelaide

9/20 Cheltenham Parade
Woodville SA 5011

Tasmania

Ph: 1800 633 507

Contact us for more information on any of our products, or visit our website for instructional videos, promotions and manuals.

Wilson & Bradley Pty Ltd

Support

1800 633 507
sales@wilbrad.com.au

Online Store

wilbrad.com.au

wilson
&bradley

Scan the QR code to
view our interactive
brochures online.

