



Smart LED Lighting System and Tablet

Installation Guide



ADVANTAGE AIR®



Installation Guide - Contents

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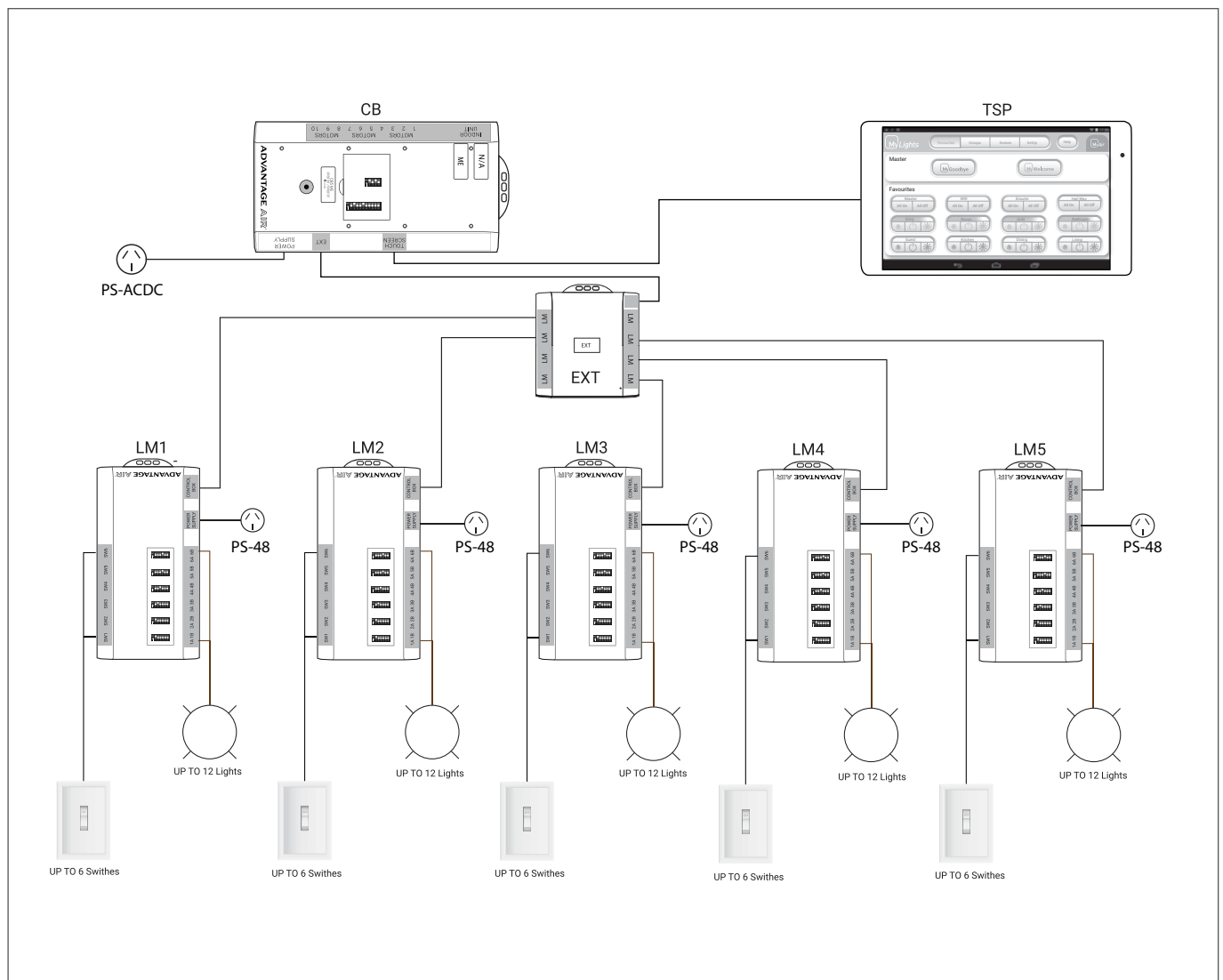
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Congratulations on choosing **MyLights** smart home lighting for your home.

The information provided in this guide will show you how to install your MyLights system in a new home.

For installation in existing homes, please ensure you read the notes on the next page, which outlines important additional steps required.



1 - ELECTRICAL SAFETY

MyLights must be installed and/or used in accordance with your current local electrical codes & regulations.

If you are unsure about any part of this installation guide contact a licensed electrician before proceeding.

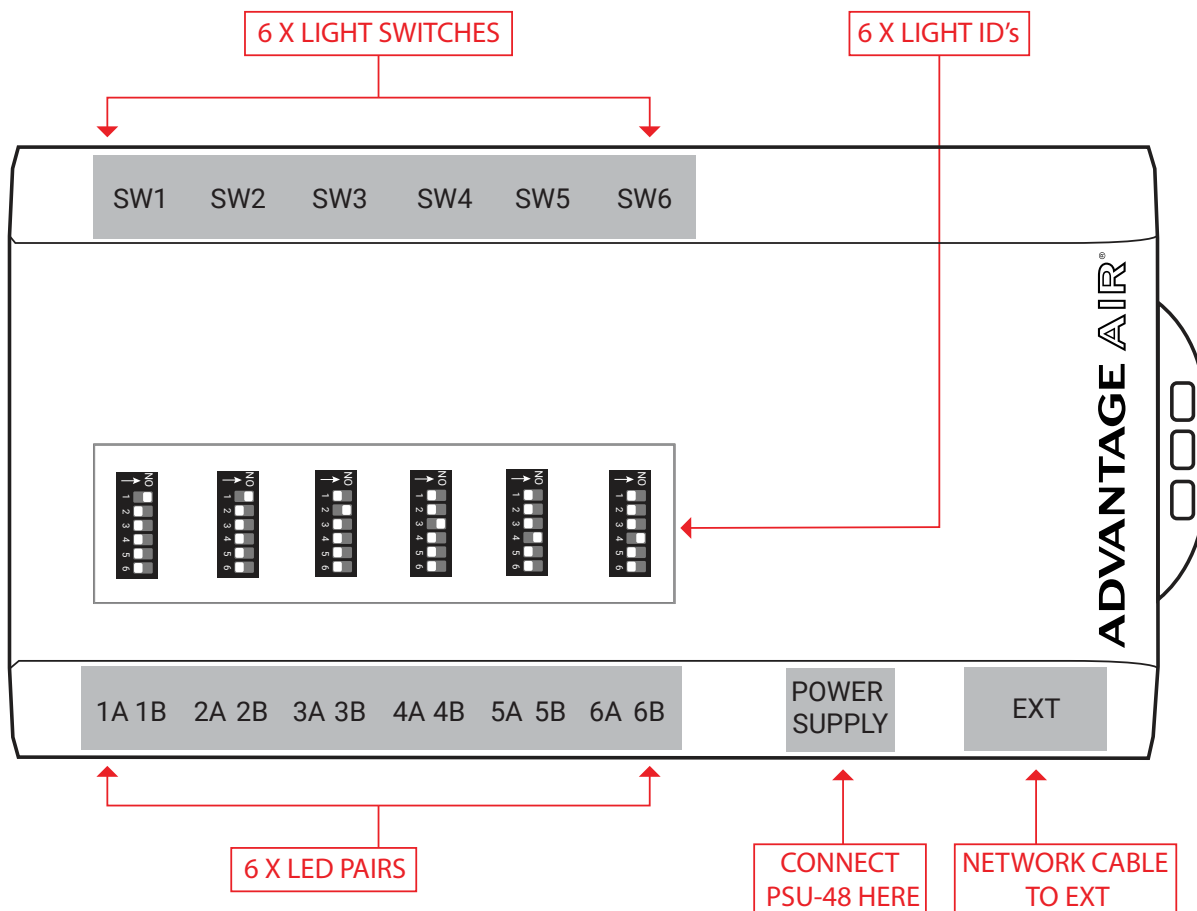


Some steps of the installation process are required to be completed only by a licensed electrician; these steps will be marked with this symbol.

2 - MYLIGHTS FEATURES

FEATURES	SPECIFICATION
Number of lights per LM	12 downlights
Number of light pairs per LM	6 pairs
Light switches per LM	Up to 6 max
Lights per light switch	Up to 12 max
Number of LM's per CB	8 max
Number of lights per CB	96 max
Dimming capability	10 brightness levels
Remote access	Yes
Power requirements	Surge protected power circuit with one power outlet for each LM & CB.

3 - LM COMPONENT OVERVIEW



The LM allows you to connect up to six light switches & 12 LED downlights (6 pairs).

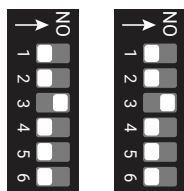
The LED pairs always operate together & cannot be separated, e.g. LED 1A & 1B will always operate together as a pair.

Each LED pair has it's own LIGHT ID which can be used to group light pairs together; these LIGHT ID's are only relevant to the LM you set them on & do not carry across LM's.

See below for some LIGHT ID grouping examples:



One LED pair set to LIGHT ID #1



Two LED pair's set to LIGHT ID #3



All OFF for unused LIGHT ID



Do not set more than one dipswitch

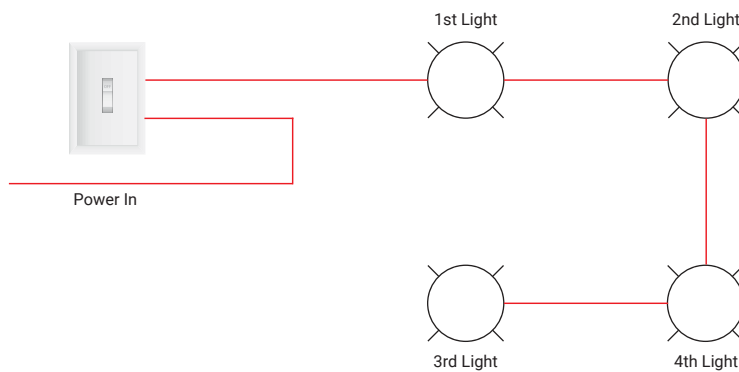
4 - RETROFIT INSTALLATION

If you are retrofitting MyLights to an existing house with a conventional lighting system you will need to follow the extra steps outlined on this page before proceeding.



The steps outlined on this page must be completed by a licensed electrician as it involves working with high voltage electricity. Installation by unlicensed person could result in death or serious injury.

1. Isolate power to the home
2. Remove existing lighting circuit & all associated wiring, the image below shows that all existing lighting wiring highlighted in red should be removed.



3. Ensure the electrician has made safe & confirmed there is no high voltage power on your light switches.
4. Proceed with installation overleaf.

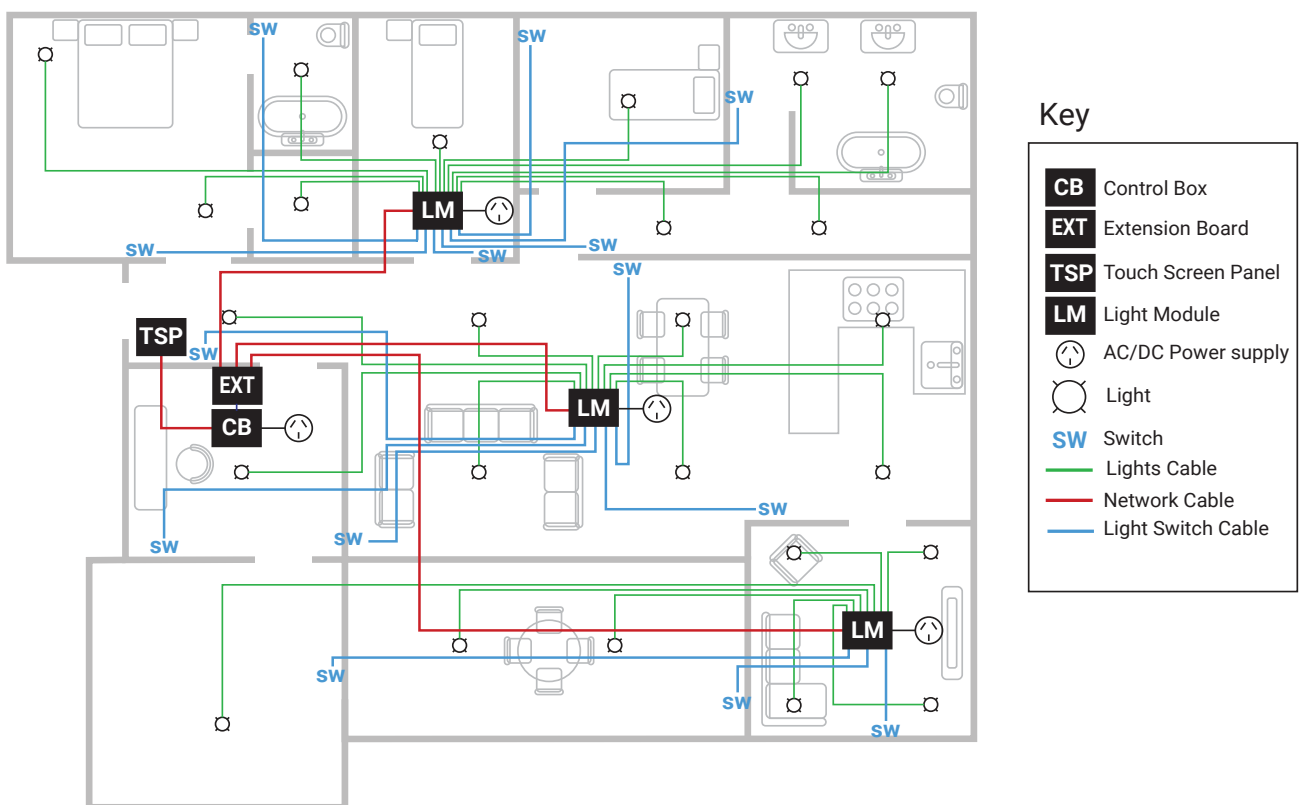
5 - PLANNING

Before any work begins it is good practice to work from a plan so that you have a good understanding of the installation going forward.

When developing your plan you should consider the below points:

- Location of CB & EXT, normally located centrally in the ceiling space.
- Location of LM's in relation to their respective light groups, your LM would normally be located in the center of the groups which connect to it.
- Length of cable required from LM to each downlight, cables are available in 6, 12 & 25m.
- Location of power points required for CB & LM's.
- Locations of light switches for each LIGHT ID, note if your LIGHT ID has multiple pairs you can have multiple switches for that group.

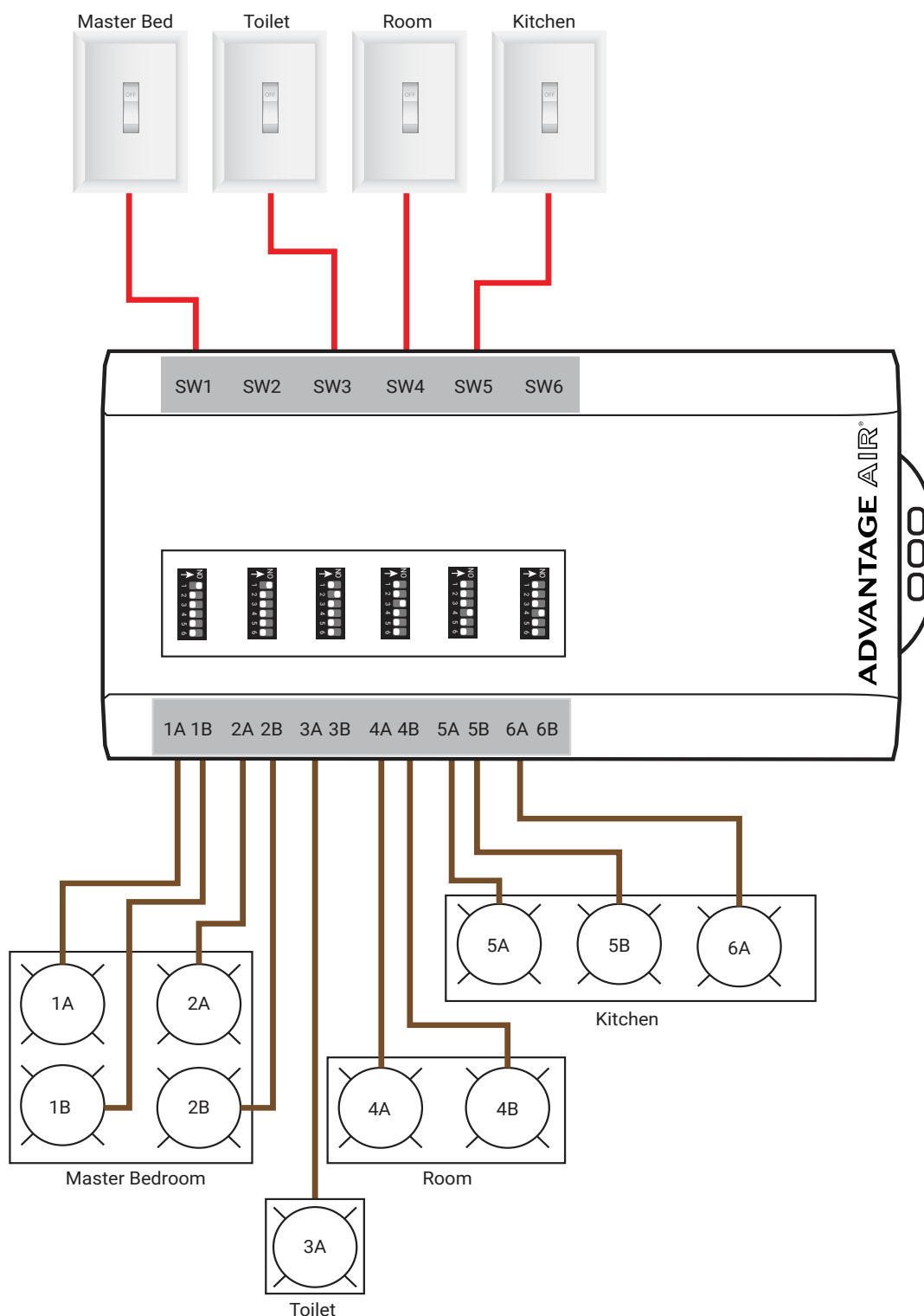
Below is an example of a well thought out plan:



6 - LM CONFIGURATION

The LIGHT ID's on the LM can be configured in a number of ways depending on the installation, see the example image below:

Configure the group dipswitches to suit your installation, see LM OVERVIEW on page 6 for further information.



7 - POWER POINTS



Installation of power circuits & power points must be completed by a licensed electrician.

Install a surge protected power circuit ensuring you have one power point for each LM & CB.

8 - CUT OUTS

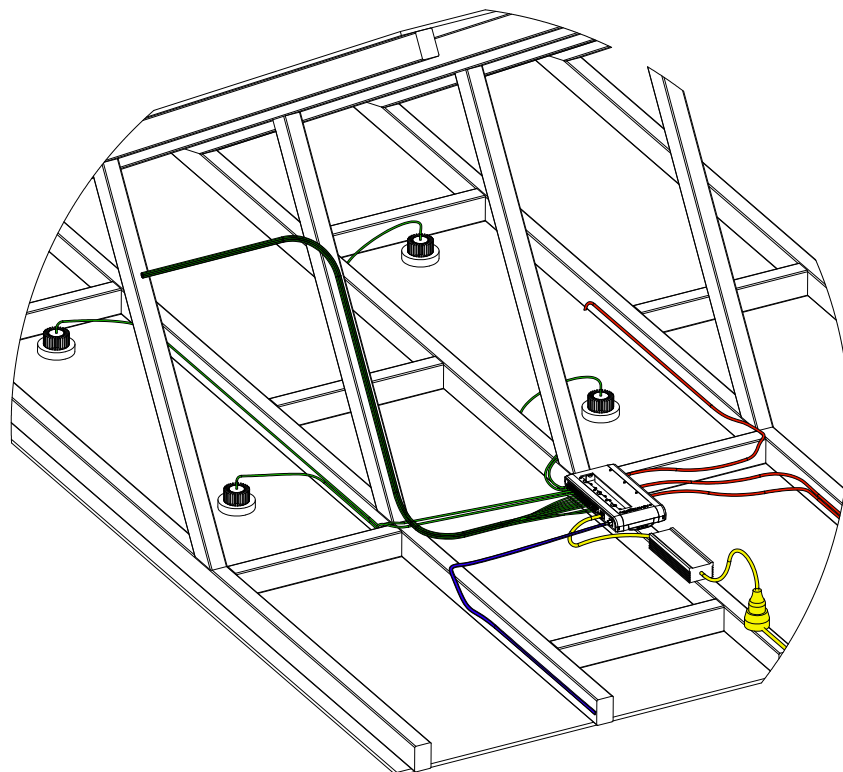
Your lights include cut out instructions indicating the hole size required for that particular fitting.

1. Identify the required cut out size on the instructions.
2. Using your plans mark out the location of each light.
3. Ensure there are no obstructions on the roof side of the plasterboard
Eg. Ensure there are no pipes or cables in the roof space above where you plan to cut out your down light hole.
4. Cut out each downlight.

9 - CABLING

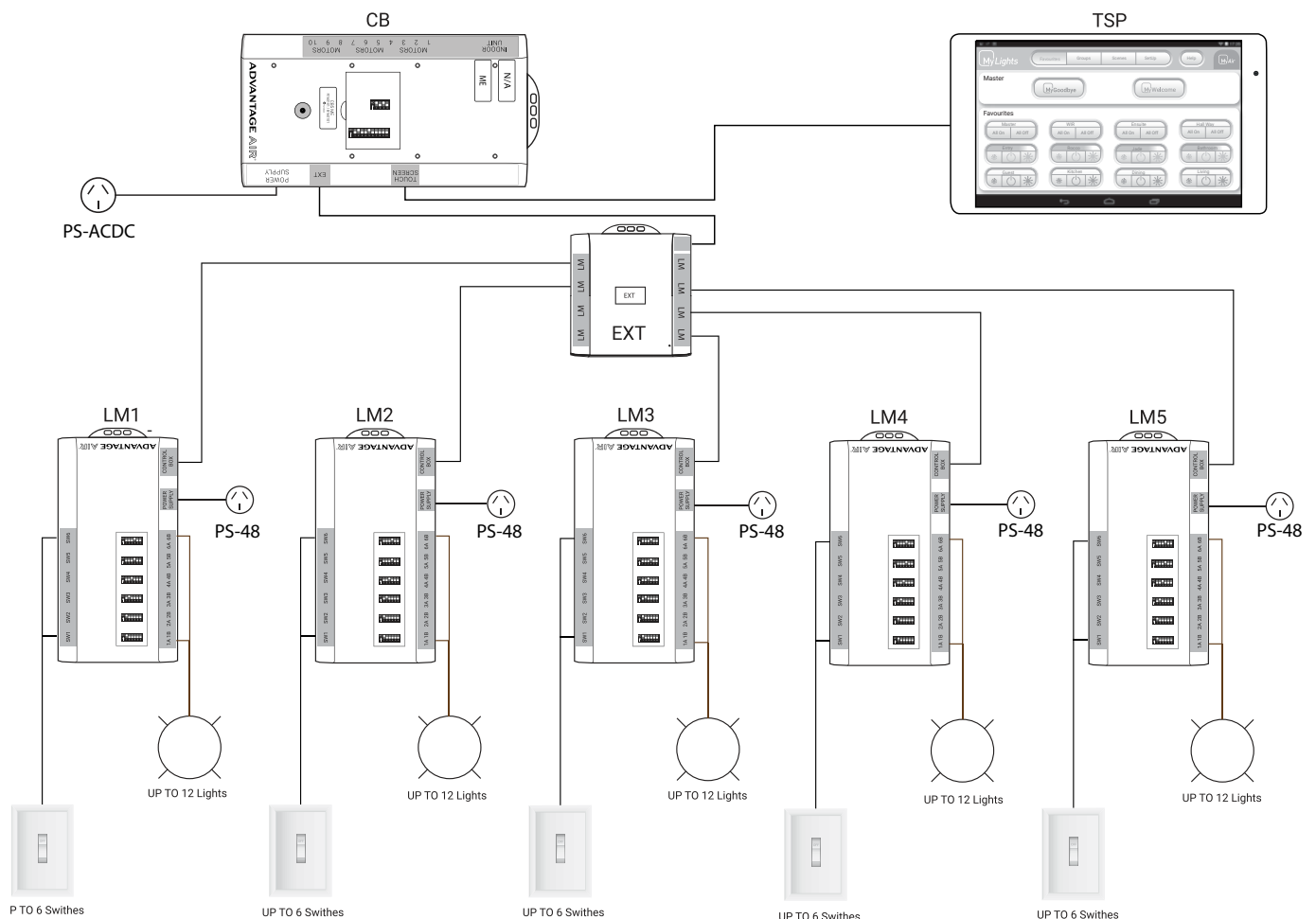
The below steps outline the cabling installation requirements for your MyLights system.

1. Label your LM's to match your plan.
2. Place LM's in the locations shown on your plan.
NOTE: Do not plug LM into power supply at this stage.
3. Label your light switch wires at the end that will be plugged into the LM.
4. Run light switch wiring from light switch location to the respective LM.
5. Install a green connector on the end of your light switch wire, then plug into the respective LM.
6. Terminate & fit off light switches.
7. Label the supplied light cables at the end that will plug into the LM e.g. Living1, Living2.
8. Plug in & run supplied light cables from LM to the location of each light cut out ensuring labelled end remains plugged into the LM. It is recommended to leave the cable extending from the hole by 30cm for easy installation of lights at a later stage.
9. It is good practice to secure the lights cable to the rafters using cable clips, this will help prevent people from standing on cables which may cause damage.




10 - INSTALLATION

1. Place CB & EXT in the location shown on your plan.
2. Run a network cable from the port labelled TOUCH SCREEN on the CB to the location you wish to install the TSP.
3. On the CB connect a network cable from the port labelled EXT & plug this into the port labelled CB on the EXT.
4. Run a network cable from the port labelled EXT on each LM & plug into any port on the EXT, repeat this step for all LM's.
5. Plug transformer labelled PSU-ACDC into the CB & connect the three pin plug to your surge protected power point.
6. Plug a transformer labelled PSU-48 into each LM & plug into your surge protected power point.
7. Attach TSP mounting bracket to the wall, connect network cable & fit your TSP to the wall.
8. Power up your MyLight system at the circuit breaker.



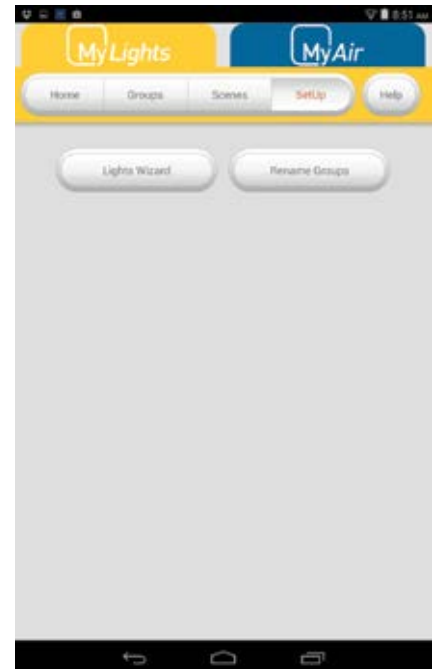
11 - SETUP WIZARD



1. Press the  app located on the home screen of your MyLights tablet.



2. Press the SETUP button.



3. Press the LIGHTS WIZARD button.



4. Flick the light switch you would like to name.



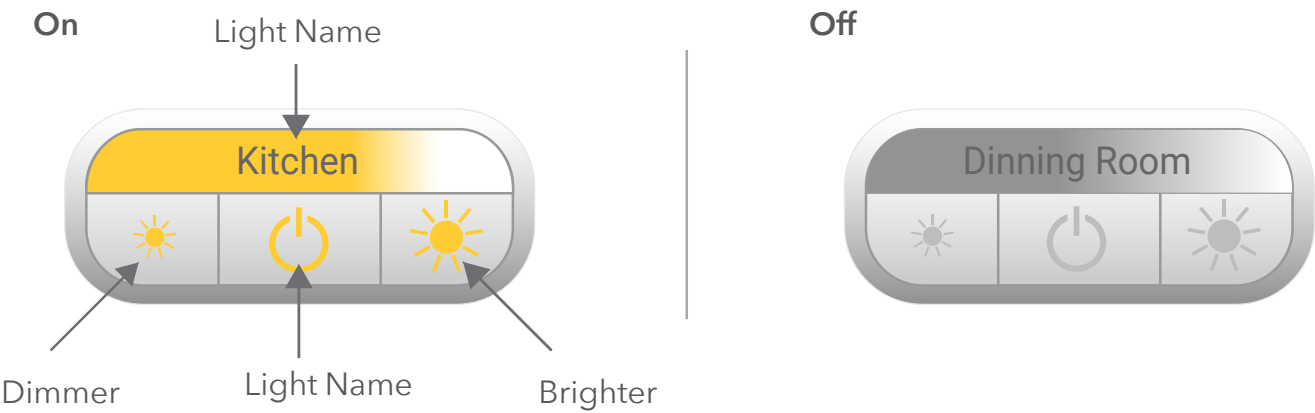
5. Name the light switch & select the group you would like it in then press save.



6. Proceed with naming & grouping all other lights.

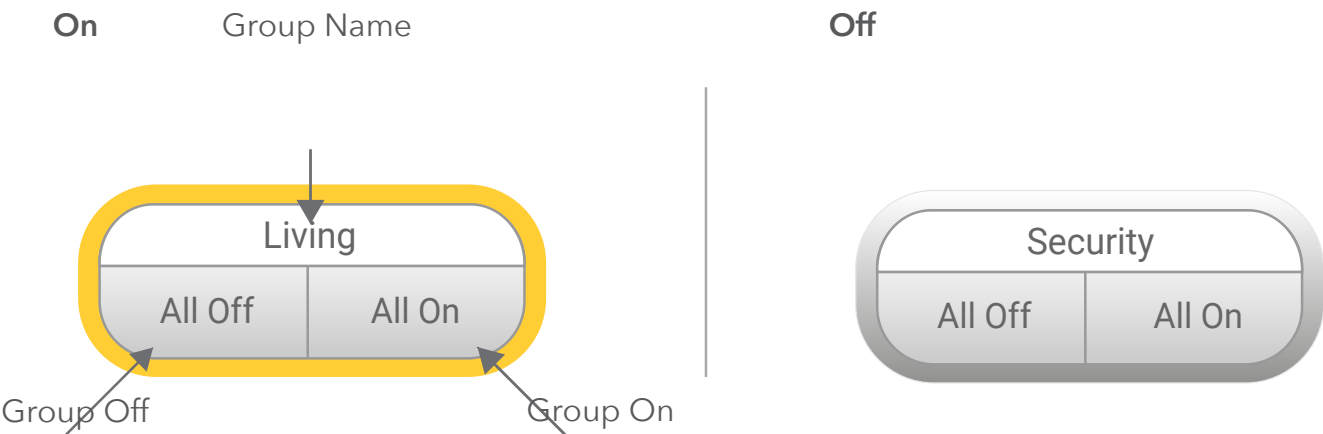
12 - USER GUIDE - BUTTONS EXPLAINED

Light Switches



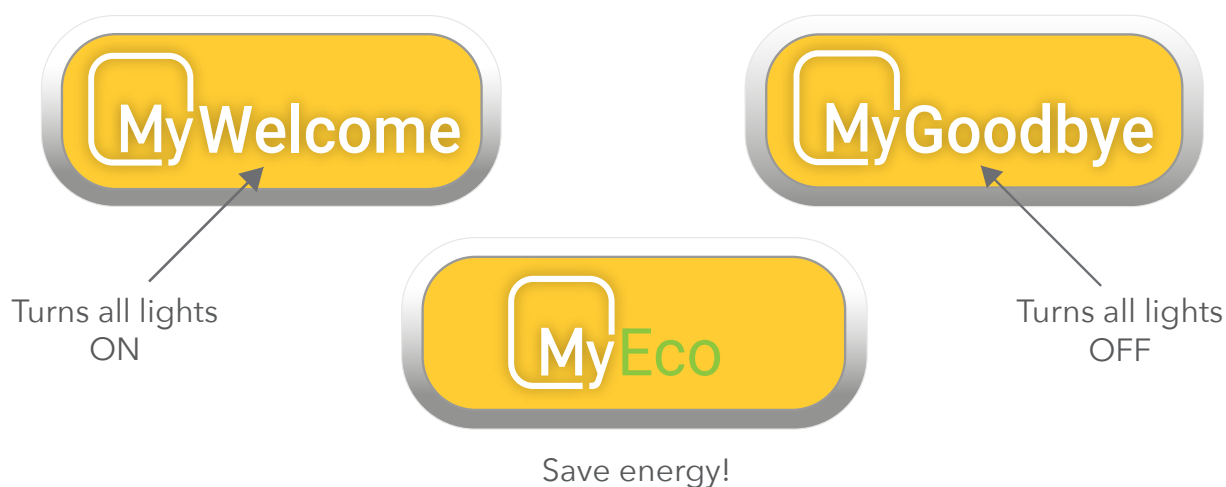
- Tip:
- Brightness can be adjusted even when the lights are off.
 - Flick the light switch 4 times for 100% brightness.

Group Switches



12 - USER GUIDE - HOME SCREEN

Master Scenes



Tip:

- MyWelcome and MyGoodbye can be personalised in scenes.
- MyEco mode can save you energy by reducing the brightness slightly.

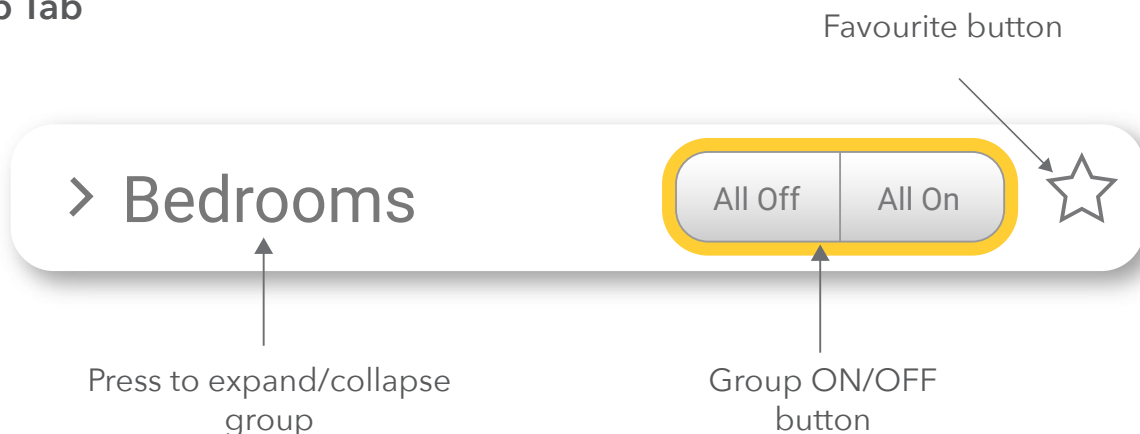
Favourites



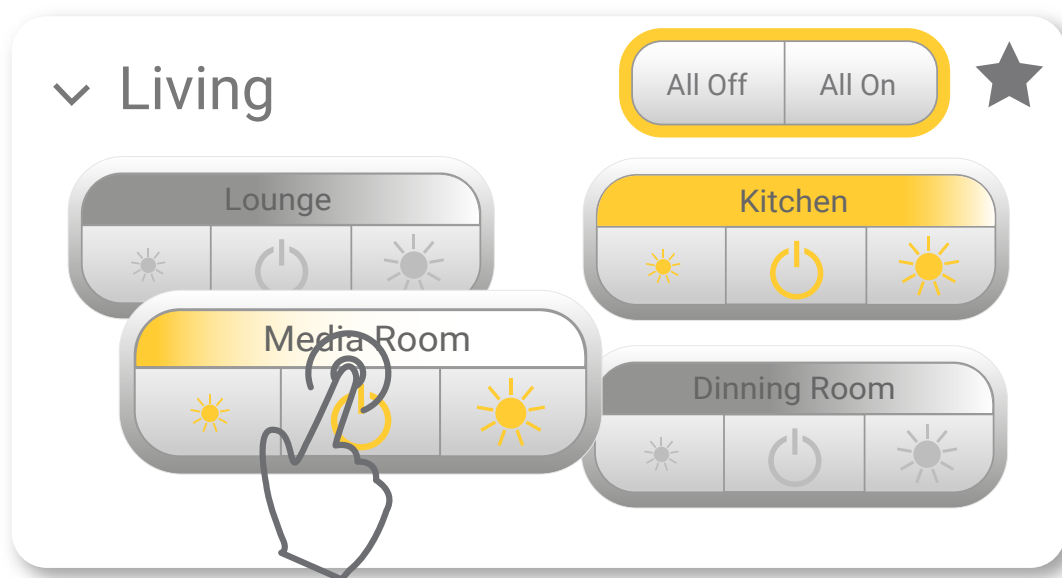
- Lights the you commonly use will appear here.
- To add a group switch to this page press the star on the groups page.

12 - USER GUIDE - GROUPS SCREEN

Group Tab



Favourites



Tip:

- Press and hold a light switch to rearrange within a group.

12 - USER GUIDE - SCENES SCREEN

What are scenes?

Scenes allow you to set the lights in your home to your favourite settings whilst only having to push one button.

Tips:

- Scenes will not affect lights that are already turned on prior to activating a scene.
- The MyEco scene is a fixed scene & cannot be modified.

Edit Scene



To edit a scene:

- Set the lights in your home to the settings you would like from the groups screen.
- In the Groups screen press & hold an existing scene button to save.

New Scene



To create a new scene:

- Set the lights in your home to the settings you would like from the groups screen.
- In the Groups screen press above + button to save.

The advantage of Australian-made

MyLights is designed by Advantage Air, an Australian company based in Perth, Western Australia. Since 1990, we've been dedicated to making peoples' lives more comfortable. We started with designing and manufacturing innovative ducted air-conditioning systems. The connected smart home, like smart lighting, is the natural evolution of helping you create an environment where everything is exactly the way you like it.

We take pride in creating and exporting a local product that is world class. To achieve this, we embrace technology and invest heavily in research and development. Our ingenious engineers have developed numerous industry firsts and earned us a slew of patents, registered designs and design awards in the process.

We are committed to quality and where possible, make our components in Australia. Like MyAir, your MyLights system is built to last. The only thing that shines brighter than our lights? Our service.

5-Year Warranty

Advantage Air components are well known in the industry for their quality and durability. To prove our confidence, we provide a 5-year warranty on all electronic controls.

Corporate responsibility

Advantage Air is all about bringing comfort to people. We are proud to be a sponsor of Channel 9's Matt & Kim to the rescue. The show delivers life-changing renovations to families in desperate need.



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