

# elluminate™

## OUTDOOR GARDEN LIGHTING

### INSTRUCTION MANUAL

COMPLETE YOUR GARDEN LIGHTING IN 3 EASY STEPS



**CONNEXT**  
GARDEN LIGHTING SYSTEM

**PLUG  
N  
PLAY**



**Bluetooth™**

VERSION  
2019 V.2.0

[www.elluminatelighting.com.au](http://www.elluminatelighting.com.au)



**CONGRATULATIONS** ON YOUR PURCHASE.  
YOU MADE THE **RIGHT** CHOICE INVESTING IN THIS  
**QUALITY** PRODUCT. THANK YOU AND **ENJOY.**

**BEFORE USING THIS PRODUCT, PLEASE READ THESE INSTRUCTIONS CAREFULLY AND MAKE YOURSELF FAMILIAR WITH THE SYSTEM. PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE.**

## FEATURES

Your elluminate product has been manufactured with advanced technology and quality materials to ensure its longevity and that it is fit for purpose.

- All elluminate products are designed for outdoor garden use boasting high quality materials such as 304 Stainless Steel, UV Stabilised Heavy Duty Reinforced Plastic, Powder Coated Stainless Steel and Tempered Glass Lens.
- The high-power, energy efficient LEDs emit a natural warm light providing years of low maintenance satisfaction.
- The 240V Outdoor Transformer + Bluetooth Controller with Auto Light Sensor converts the power supply to a safe 12V for peace of mind in your garden.

**THIS SIMPLE AND EASY-TO-CONNECT SYSTEM IS BASED ON A MAXIMUM OF 15 LIGHTS AND NO MORE THAN 75M OF CABLE PER TRANSFORMER.**

- You can install multiple Outdoor Transformers + Bluetooth Controllers at one location, meaning you can have more than 15 lights on the one property and all can be controlled from the elluminate app.

**YOUR ELLUMINATE GARDEN LIGHTING SYSTEM IS COMPLETELY CUSTOMISABLE SUBJECT TO YOUR PREFERENCE.**

- If you do not have a smart phone or you do not want to use the Bluetooth feature or the Auto Light Sensor simply connect your lights directly to your transformer and turn your elluminate system on and off at the power point.
- If you do not have a smart phone or you do not want to use the Bluetooth feature but you do want to use the Auto Light Sensor simply connect your Auto Light Sensor to your transformer before connecting your lights.
- If you want to take full advantage of the elluminate Bluetooth feature download the elluminate app from the App Store or Google Play and enjoy the benefits of your fully automated Bluetooth controlled system.



## INSTALLATION

- Plug the transformer into a weatherproof power point near to the garden making sure that it can't be submerged or overheat.
- Slide the garden spike into the circular recess on the underside of the spotlight body or screw the garden spike into the base of the bollard. Holding the light body firmly, push the light with attached spike into the desired location taking care not to penetrate any hidden services.
- To install the small deck lights use a 32mm diameter hole saw.
- Position the spotlights to face the feature you wish to illuminate or for deck and bollard lights place in the position of choice.
- For the spotlight, once in the correct position lock the light by tightening the thumb screws, taking care not to over tighten.
- We recommend final adjustments be carried out at night.
- Multiple lights (max.15) can be connected together using the 2 Pin extension cables and multiple T-Pieces.
- Connect your cables and T-Pieces to your lights and transformer.
- Turn on your power point.
- There is a handy installation video on our website if you need further assistance.



## OUTDOOR TRANSFORMER + BLUETOOTH CONTROLLER WITH AUTO LIGHT SENSOR



### MASTER ON / OFF BUTTON

Press the button to turn the lights on / off.

### AUTO FUNCTION

Press to turn photocell on / off. When on, the lights will turn on automatically at dusk (sunset) and the lights will turn off at dawn (sunrise).

### TIMER MODE

Press to turn timer function on / off. When timer function is turned on you can choose what day & time to turn lights on / off.

### BLUETOOTH CONTROLLER

Find the elluminate Bluetooth Controller in the list and connect. When logging in, the app will automatically connect to a Bluetooth controller in range.

The device that is connected will be highlighted in Green. Other controllers (if visible) will be Purple.

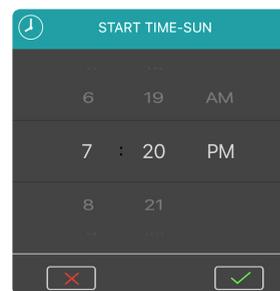
If you have multiple controllers you can see them all here.

Note: You can rename controllers.

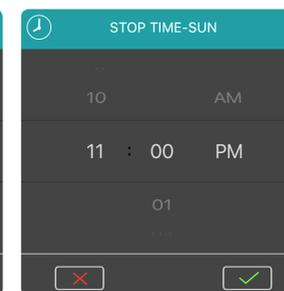
### SETTINGS

Click for more Information, About, Privacy Policy and Wallpaper options.

## TIMER SETTINGS



Select Start time



Select Stop time

### TIMER MODE

If the TIMER Mode is switched to the ON position you can select a Day and Start Time. Choose your day and a pop up will appear, scroll to the desired start time, make sure to select AM / PM.

Select a Stop Time, select the same day and a pop up will appear, scroll to the desired stop time, make sure to select AM / PM.

Continue to select all the desired days you want the lights to turn On & Off.

The AUTO function will automatically switch to the OFF position when TIMER Mode is active.

### MANUAL OVERRIDE

At any time that you want to manually override AUTO Light Function or TIMER Mode you can press the MASTER On/Off Button.

This will turn off AUTO and TIMER Functions.

You will need to turn AUTO or TIMER Functions back on when finished with Manual Override.

Your TIMER Mode will retain the previously entered timer settings.



**TOP TIP**

When installing, start from the furthest light away from the transformer and work back. It ensures you get the cable plugs around the right way.

## PLAN YOUR PROJECT

Walk your garden during the day and night to select key focal points and sketch a plan of the area.

Add trees, shrubs, decks, and areas of any significance in the garden to your diagram. **Don't forget to indicate where your power point is located.**

Think about what type of lights you would like to have in your garden. Choose from small spotlights to light up smaller plants or larger spotlights to highlight a beautiful tree. Bollard lights are a great addition to a driveway or path, and deck lights create a fantastic feature along the edges of decking or stairs.

Now you have your lights placed, it's time to work out your cables. Measure the distance between each light and back to your power source and write these measurements on your plan.

A T-Piece Connector is included with every light though is not required for the last light in your system. Indicate these on your plan.

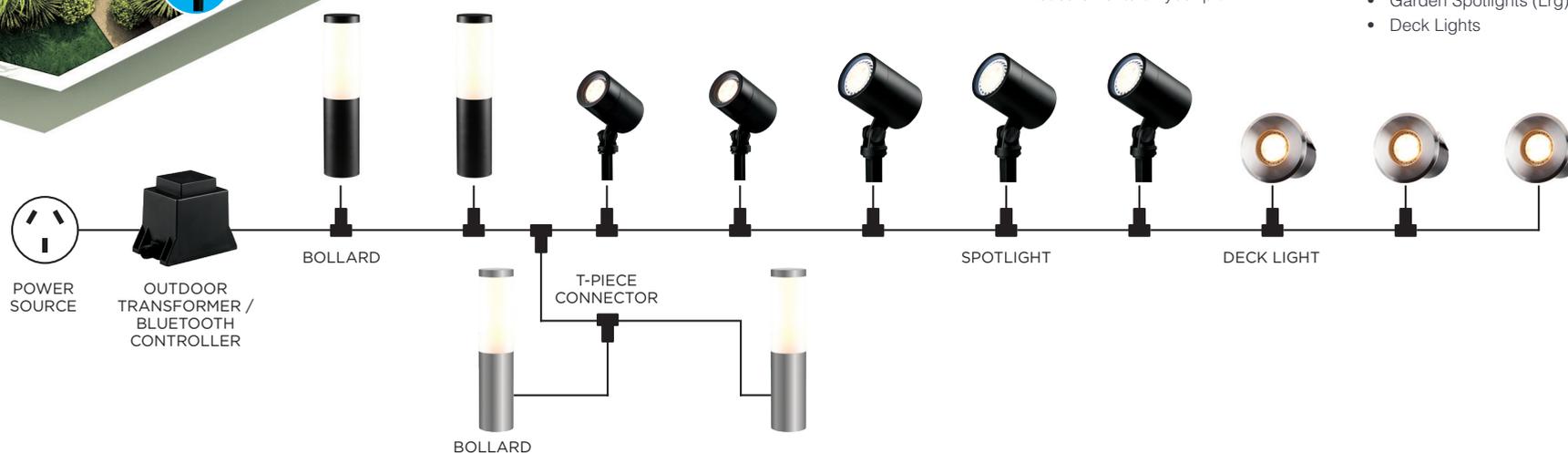
Now measure the distance from your power supply to the first light and mark this on your plan.

**Check the total length of all your cables does not exceed 75m.**

Once you're home, simply connect them all up, turn them on, sit back and enjoy. It's that simple.

### WHAT WE USED IN EXAMPLE

- Outdoor Transformer / Bluetooth Controller
- T-Piece Connector
- Garden Bollards (Black / Stainless Steel)
- Ext. Cables (1m / 2m / 5m / 10m)
- Garden Spotlights (Sml)
- Garden Spotlights (Lrg)
- Deck Lights





## TECHNICAL SPECIFICATIONS

### LIGHTING RANGE

	elluminate SMALL SPOTLIGHT	elluminate LARGE SPOTLIGHT	elluminate S/STEEL BOLLARD	elluminate BLACK BOLLARD	elluminate DECK LIGHT -PACK OF 4	elluminate 4 PIECE SPOT LIGHT KIT
CODE	20EL062	20EL063	20EL081	20EL082	20EL091	20EL201
VOLTAGE (V)	12V	12V	12V	12V	12V	12V
POWER (W)	2W	3W	3W	3W	4 x 1W	4 x 2W
CABLE LENGTH (M)	1.0M	1.0M	1.0M	1.0M	4 x 1.0M	4 x 1.0M
GLOBE TYPE (PART NO.)	LED MR11 (21EG011)	LED MR16 (21EG016)	LED MR16 (21EG016)	LED MR16 (21EG016)	LED Non replaceable	LED MR11 (21EG011)
IP RATING	IP67	IP67	IP44	IP44	IP67	IP67
LUMENS	170	250	40	40	120 each	170 each

### TRANSFORMER/ BLUETOOTH CONTROLLER

	elluminate 72W TRANSFORMER
CODE	21ET172
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V
POWER	72VA
CURRENT	6000MA
IP RATING	IP65

### EXTENSION CABLES

	elluminate 1M EXT. CABLE	elluminate 2M EXT. CABLE	elluminate 5M EXT. CABLE	elluminate 10M EXT. CABLE
CODE	21EC001	21EC002	21EC005	21EC010
CABLE LENGTH (M)	1M	2M	5M	10M

### T-PIECE CONNECTOR

	elluminate T-PIECE CONNECTOR
CODE	21EC003

## THE RANGE



SPOTLIGHT - LARGE / SMALL

## COMPLETE YOUR GARDEN LIGHTING IN 3 EASY STEPS



DECK LIGHT



BOLLARD - BLACK / STAINLESS STEEL



72W TRANSFORMER



AUTOMATIC LIGHT SENSOR/  
BLUETOOTH CONTROLLER



CABLES - 1M / 2M / 5M / 10M



T-PIECE CONNECTOR



## MAINTENANCE

The LED MR16 / MR11 Replaceable globes have been uniquely designed for the elluminate system and cannot be replaced with any other globes.

- There is minimal maintenance required on the elluminate LED outdoor lights. Inspect regularly to ensure the light or cable is not damaged in any way. Clean the light lens regularly for maximum efficiency.

## IMPORTANT SAFEGUARDS

To guard against injury, basic safety precautions should be observed. Precautions include, but are not limited to:

- The light should only be used in outdoor situations. Do not use the light in any solvent or flammable liquids.
- Do not operate the light if the light or any of the components of the light (such as the power cable or transformer) have been damaged.
- If the 240V plug supplying the transformer becomes submerged, **do not unplug the cord.** Disconnect the circuit breaker that supplies power to the power outlet. Then unplug and examine the plug and power outlet for presence of water. If the power outlet has become wet, you should consult an electrician before using the system.
- Always use a properly-grounded power supply that is connected to an RCD with a rated residual operating current not exceeding 30mA, as per AS/NZS 3350.2.41:1997.
- Always unplug the light from the power supply before performing any maintenance. Never pull the transformer cord to disconnect the plug from the power supply. Grasp the plug and pull to disconnect.
- Do not install or store the light where it will be exposed to extreme hot or cold temperatures.
- This appliance should not be used by children without supervision.
- Do not cut the cord as this will result in voiding your warranty.
- Care should be taken to arrange the power cord so that it cannot be accidentally tripped over or pulled.
- Do not attempt to repair the light yourself. Return to an authorised service centre or place of purchase if a fault occurs.

**Only replace the Globe with elluminate MR16 or MR11 outdoor rated Globes.**

## LIMITED WARRANTY

This product comes with a warranty. The benefits provided in this Warranty are in addition to other rights and remedies available to you under Australian Consumer Law. The Warranty is provided to the original purchaser of the product on the following terms:

- The Warranty is given by Chemkay Pty Ltd trading as Aquatec Equipment: PO Box 2087, Seville Grove, WA 6112; contactable by phone (1300 552 202) or email (info@elluminatelighting.com.au).
- To make a claim under the Warranty you must return the faulty product to the place of purchase with a valid receipt or proof of purchase.
- A Warranty claim must be made within **2 years of the date of purchase.**
- If your claim complies with the above terms and the product is not an exhaustible item and no Voiding Events have occurred, we will (at our sole discretion):
  - repair the product, if possible; or
  - provide a replacement product; or
  - if a replacement product is not available, provide a refund for the purchase price paid.
- You will bear the cost associated with claiming under the Warranty such as the cost of transportation and delivery of the product to and from the place of purchase.
- The Warranty will be void if any of the following events occur, as determined by us, at our sole discretion (Voiding Events):
  - The wrong globe is used. The elluminate system has specially-designed globes to work with low voltage systems.
  - any tampering/removal of warranty/identification labels or electrical components is evident;
  - the defect has arisen due to: an accident, incorrect or inadequate installation, misuse or abuse of the product (including improper maintenance and service), excessive wear and tear, not following manufacturer's guidelines/instructions, or the product has been used in a manner contrary to the purpose or suitability of the product;
  - the product has been modified without our authority;
  - the defect is caused by power surges/spikes/brownouts.
- Loss of livestock, damage to property or personal injury caused by the improper use or abuse of the product will not be covered and the manufacturer excludes all liability for such events, to the extent permitted by law.

In addition to the Warranty set out above, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

# elluminate™



**AQUATEC**  
EQUIPMENT

[www.elluminatelighting.com.au](http://www.elluminatelighting.com.au)

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AUSTRALIAN OWNED COMPANY

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