

# Safety & Installation Instructions

v1.2-01.25

# AWH Wall Light Instruction Manual

DP8455

These instructions are provided for your safety in order to prevent the risk of Fire, Electric shock or Injury. It is vitally important that they are read in their entirety before installing your fitting. Please retain for future reference.

1. If you are in any doubt consult a qualified electrician as to the installation of the fitting. Install in accordance with current IEE wiring regulations. It is recommended that this fitting is installed by a qualified electrician.
2. Ensure that the electrical supply is OFF. Disconnect the electrical supply at the fuse-board.
3. If removing an existing fitting first, note all wiring connections: record which of the house wires is connected to the live, neutral and earth terminals.
4. Carefully identify where the supply cable is (and check there are no other cables in the area) to avoid damage to concealed wiring during installation.
5. Position the light where desired ensuring that there is suitable support adjacent to where you will connect to the house supply and mark position of fixing holes, before drilling appropriate holes as below.
6.
  - a. Brick or masonry: Drill holes into which the wall plugs tightly fit, then insert wall plugs.
  - b. Wood: No hole necessary (unless small pilot hole required), screws can be screwed directly into the timber.
  - c. Plaster/Cavity: Special cavity wall fittings are required, rather than provided fixings. These are widely available from good hardware or DIY store and should come with their own instructions that must be followed. It may be easier to relocate the fitting so that you screw directly into a timber joist or beam.
7. Support the fitting so that no strain is applied to the wiring when making the electrical connections. If necessary get a colleague to help.
8. Electrical connection: This fitting is low voltage, requiring no earth connection. The fitting MUST be connected to a 12V DC constant voltage LED driver when installing on a mains voltage (230V AC) circuit:
  - 1 - Connect the positive "+" lead (black & white or red) from the LED tube to the positive lead (red) of the drivers 12V DC output using a 2-way WAGO connector.
  - 2 - Connect the negative '-' lead (black) from the LED tube to the negative lead (black) of the drivers 12V DC output using a 2-way WAGO connector.
  - 3 - Connect the switched live conductor (normally brown) from your mains supply to the live (brown) lead of the drivers 230V AC input using a 2-way WAGO connector.
  - 4 - Connect the neutral conductor from your main supply (normally blue) to the neutral (blue) lead of the drivers 230V AC input using a 2-way WAGO connector.
9. To maintain the IP rating of this fitting, you must ensure that the electrical connection have suitable protection from water ingress, housing the connections in an IP rated junction box and sealing the backplate with silicone.
10. Ensure that all electrical connections are tight, with no loose strands of wire left out of the connectors, no wires are trapped behind or within the fitting and complete the installation, screwing the fitting to the mounting surface.
11. Switch on at the fuse-board. Your light fitting is now ready for use.

## Other Important Information

Switch off at mains before changing lamp(s). Never fit a lamp of greater wattage than recommended. Ensure children do not play with the light fitting. Adjust fitting only when power to the fitting is off and has been left to cool. If the external flexible cable or cord of this luminaire is damaged, it shall exclusively be replaced by the manufacturer or his service agent, or a similar qualified person, in order to avoid a hazard. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

## Cleaning & Maintenance

Do not use polishes or abrasives. Glass can be cleaned using a suitable glass cleaner and soft cloth. Metal finishes should only be cleaned with a soft, dry cloth. Switch off power to the fitting before cleaning. Spare parts are available for this product, please contact us on the details below.

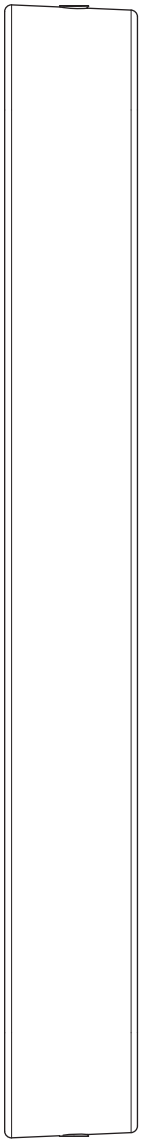
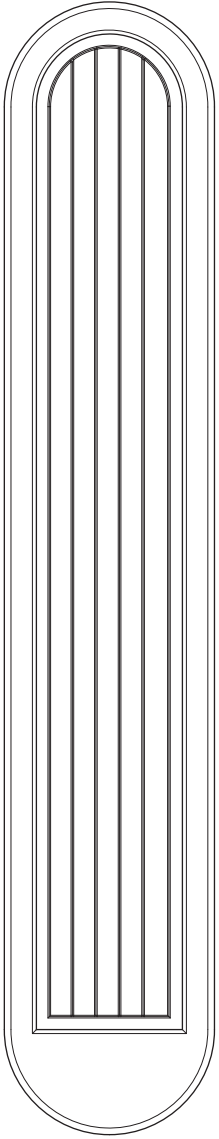
Established in 1990, Original BTC manufactures relaxed, familiar lighting for traditional and contemporary homes.

All products are hand-assembled in Oxfordshire from high quality components, produced in the UK.

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# AWH Wall Light

| 12V DC | IP44 |

- DP8455/BR/PO
- DP8455/BR/ANT
- DP8455/CP
- AWH Wall Light, Polished Brass
- AWH Wall Light, Antique Brass
- AWH Wall Light, Chrome

LED LAMP GUIDANCE					
MODEL	TYPE	VOLTAGE	WATTAGE	COLOUR TEMP	LUMENS
DP8455	LED	12V DC	4.5W	2700K	315
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.					
Supplied with a 12V DC TRIAC dimmable driver, compatible with a TRIAC leading edge dimmer modules.					

## Contents

### Contents

A - Main body assembly  
B - Backplate/LED module  
C - Mounting screws (x2)  
D - Fixing screws (x4)  
E - Rawl plugs (x4)  
F - LED driver  
G - Wago connectors (x4)

### Required for installation

(Not supplied)

- Screwdriver, Pozidriv
- Flathead screwdriver
- Drill (if holes are required)
- Suitable IP rated enclosure for driver (H)

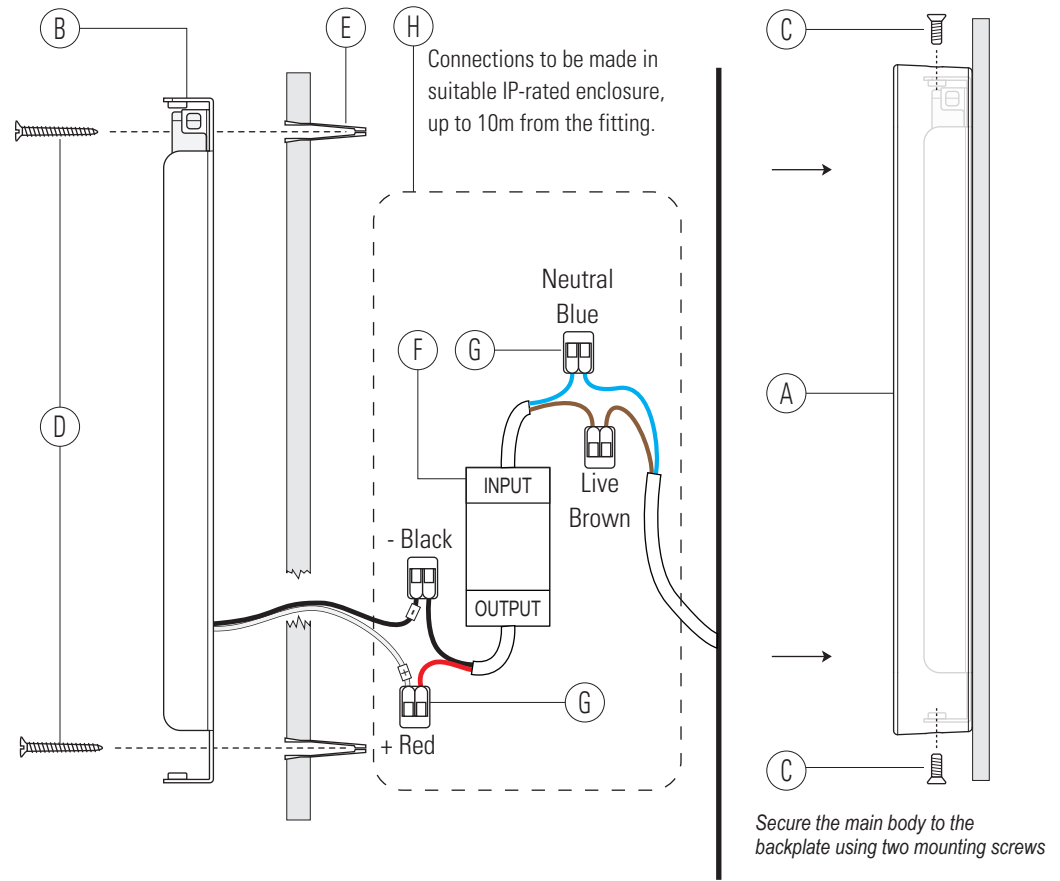
## Driver Information

- This luminaire requires a 12V DC constant voltage input, provided through suitable control gear (an LED driver, supplied). The driver is TRIAC, and is compatible with leading edge dimming modules. Please note that dimming performance will vary; refer to the manual provided with your chosen dimmer to ensure it is set to the correct mode (where applicable) and the maximum and minimum brightness settings are adjusted to your preference (where applicable).
- **DO NOT CONNECT THIS LUMINAIRE DIRECTLY TO THE MAIN (230V AC) SUPPLY; IT WILL BREAK!**

## Installation & Assembly Instructions

- To install, remove the main body (A) of the light from the backplate (B) by loosening the two mounting screws (C).
- Mark & drill suitable fixing holes, using the holes in the backplate (B) as a guide to mark the positions. Refer to points 1 to 6 on the back page.
- Make the electrical connections to the main supply through the 12V DC driver (F), using the supplied WAGO connectors (G). Refer to points 7 & 8 on the back page. The driver should be housed in a suitable junction box, & can be up to 10m from the fitting. If installing in a damp location, ensure the junction box has a suitable IP rating.
- Secure the backplate (B) to the wall, using the screws (D) and rawl plugs (E), where required. If installing in a damp location, we advise sealing the backplate with a thin bead of silicone to prevent moisture ingress.
- Secure the main body (A) to the backplate (B) using the mounting screws (C).

## Installation Diagram



PLEASE READ THE INSTRUCTIONS ON THE BACK PAGE BEFORE YOU BEGIN INSTALLING YOUR LIGHT