



Protective Eyewear



Gloves



UV-c Meter

AVAILABLE FROM **BLUESCIENCE**
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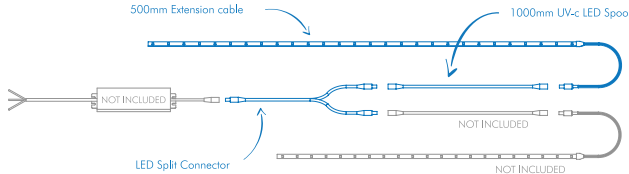
MANUFACTURED BY
ROYCOTT LTD / BLUESCIENCE



UV LED 1000mm
UV AIR DISINFECTION SYSTEM

PRO ★★★★★

BlueScience Pro provides additional UV-c light to treat and protect the air in larger FCU'S or populated areas.



SAFETY INFORMATION

UV WARNING

- Warning:** Exposure to direct LED UV light may be harmful.
- Warning:** Always protect eyes and skin from UV LEDs.
- Warning:** Never look directly into UV LEDs during operation.
- Warning:** Disconnect before servicing.
- Warning:** After installation, all UV light should remain internal within the casing.
- Warning:** Ensure no UV light is visible from outside the casing.
- Warning:** High intensity ultraviolet light.
- Warning:** All LED lifespans can vary, for optimisation replace LED's EVERY 12 MONTHS.

ELECTRICAL WARNING

- Warning:** The appliance must be installed in accordance with national wiring regulations.
- Warning:** Mains power supply must be isolated prior to carrying out any electrical work. All-pole disconnection from mains must be incorporated in the fixed wiring.
- Warning:** The supply cord cannot be replaced. If damaged the appliance must be replaced.
- Warning:** The external accessories must be used only with the appliance provided by the manufacturer.
- Warning:** The power supply mains system must be provided with an 'all-pole disconnection' device connected directly to the supply terminal that providing a full disconnection under overvoltage category III.
- Warning:** This appliance requires no maintenance.
- Warning:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Warning:** Children shall not play with the appliance.

IN THE BOX



- LED Split Connector
- 500mm Extension Cable
- 1000mm UV-c LED Strip
- Storefront Protector Sticker



INSTALLATION

STEP 1



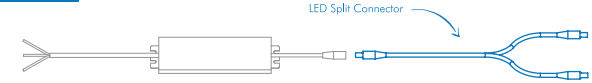
Isolate the power to the AC unit

STEP 2



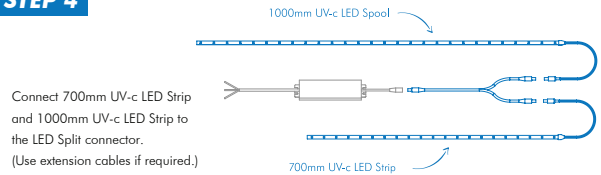
Remove the Cover

STEP 3



On the output side of the BlueScience LED Driver, connect the LED Split Connector

STEP 4



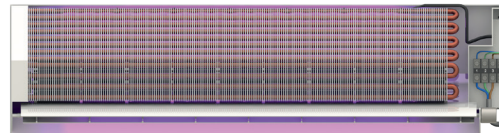
Connect 700mm UV-c LED Strip and 1000mm UV-c LED Strip to the LED Split connector. (Use extension cables if required.)

STEP 5

Connect the UV-c LED strip and add date of installation to the tag. Note: it is important for you or any other Engineers to be able to identify the age of the UV-c LED!



STEP 6



Lay the UV-c LED Strip on the top of the drip tray, making sure the UV-c LED's are facing in towards the unit. UV-c LED's must not radiate out or point out in the direction of the room.

STEP 7

If required, UV-c LED Strip can be cut to a desired length. Cuts can only be made at the terminal point seen after each UVC LED labelled 'LED 3', peel back the adhesive strip and fix the UV-c LED strip into place.



STEP 8



Refit cover

STEP 9



Ensuring the filter door is shut, switch power back on and run AC unit. Protective eyewear and skin coverings are required from this point.

STEP 10

Using a UVC Meter at a distance of 300mm check in 6 places for readings. Once a zero reading has been recorded around the unit protective eyewear and clothing can be removed.



STEP 11

Apply BlueScience seal to the unit – to ensure the safety of fellow Engineers.



STEP 12

Apply storefront protector window sticker at the main entrance of the building.



UV LIGHT



KILLS VIRUSES



NEUTRALISES ODOURS