

# UV Air Disinfection

## Air Disinfection

UVO3's range of UV Batten Units disinfect air to give improved levels of hygiene and reduce airborne contamination. UV treated air can also reduce the effects of 'sick building syndrome'.

There are two main types of air disinfection batten units:

- Surface mount 'Downlighters'
- Suspended 'Uplighters'

Downlighters are only used in a controlled/unmanned environment, as they shine the UV light directly into the area below, disinfecting both the air and any surfaces. The photo on the right shows a typical installation.



Uplighters are suitable for use in most types of applications where personnel are present, as they are mounted above the personnel, directing the UV energy safely upwards. The natural air circulation within the room allows all of the air to be UV treated. Uplighters are typically suspended from the ceiling using chains, see photo below left.



### Safety

All UV lamps used within UVO3 Batten units are sealed in a shatter resistant coating, making them 'food safe'.

UVO3 are happy to advise you on the best location, number and type of units required and the safe installation of for your particular application.



Typical applications include:

- air conditioning systems
- food production areas
- hospitals
- doctors waiting rooms
- offices & schools
- livestock/poultry sheds

**Please contact us to discuss your requirements.**



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