Philips UV-C Disinfection Upper Air Ceiling Mounted

Breathe Healthy Air

As part of the Philips UV-C disinfection upper air device series, Philips UV-C disinfection upper air ceiling mounted is designed to be installed on false ceilings for the disinfection of air in a wide range of applications. Optimized for low ceiling heights, the UV-C rays are distributed at device level and above. The beam of UV-C rays is controlled by specific reflectors and the louvre design. This allows for the disinfection of the air in a space, while ensuring that day-to-day business activities can continue underneath the area where the device is active.

Benefits

- Allows quiet disinfection of air while business activity continues underneath the device’s level
- UV-C light has been proven to effectively deactivate tested pathogens1
- Uses Philips UV-C lamps and drivers
- Environmentally friendly - no ozone emissions during or after use.

Features

- Philips PL-S TUV lamps included: 4x9W
- Shortwave UV radiation peak at 253.7 nm (UV-C)
- Louvres and reflector control the distribution of UV-C at the device level and above, where people are not usually present
- Surface mounted on false ceilings
- Complies with IEC 62471 standard for photobiological safety.
### Philips UV-C Disinfection Upper Air Ceiling Mounted

**Type** | SM345C
---|---
**Light source** | UV-C lamp: 4x TUV PLS/9W
**Lamp included** | Yes
**Gear** | High Frequency ballast (HF-M)
**Connection** | Push-in connector (PI)
**Housing material** | Aluminum

**Reflector material** | Aluminum
**Color** | White/Black
**Optimal temperature range** | +20 – 40°C
**Lifetime** | 9000h - 90% UV-C @ end of life
**Mounting** | Ceiling mounted
**Installation** | Recessed plate in false ceiling, safety cable advised

### Versions

SM345C 4x9W-BS  
SM345C 4x9W-SPP

### Dimensions

<table>
<thead>
<tr>
<th>Product</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM345C 4xTUV PLS 9W HFM</td>
<td>595 mm</td>
<td>595 mm</td>
<td>192 mm</td>
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</tbody>
</table>
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Approval and Application
Mech. impact protection code: IK02
Ingress protection code: IP20

Operating and Electrical
Input Voltage: 230 to 240 V
Input Frequency: 50 to 60 Hz

General Information
CE mark: CE mark
Protection class IEC: Safety class I
Flammability mark: mounting on normally flammable surfaces
Lamp family code: For mounting
Product family code: SM345C

Order Code
Full Product Name: SM345C 4xTUV PLS 9W HF M
Lamp type: 9W TUV
Gear type: HF M
Reflector: yes

UV-C Irradiation
Full Component Name: SM345C 4xTUV PLS 9W HF M
UV-C radiation luminaire: W
UV-C irradiance at 2m distance: µW/cm²
Order Code: 919206000021

Pharmaceutical Grade Pathogen Elimination

UV Technology Global