

## SM355B 4xTUV PLS 9W HFM

910505103001



## SM345C | PHILIPS UV-C DISINFECTION UPPER AIR, 4, HFM | HF Matchbox, White and black, 38 W, 230 V

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.

## Warnings and Safety

- **DANGER:** Risk Group 3 UV product. Like any disinfection system, UV-C lamps and devices must be installed and used in the correct way. Direct exposure to UV-C can be dangerous and result in a sunburn-like reaction to the skin and serious damage to the cornea.
- As UV-C is invisible to the eye, the UV-C upper air device must be installed together with adequate safeguards to ensure that the UV-C upper air device can be operated in a safe way. The UV-C upper air device are only to be used as components in a system that consists of adequate safety safeguards such as, but not limited to, those indicated in the mounting instructions and/or user manuals.
- Direct exposure to UV-C is dangerous. Philips UV-C luminaires systems must only be sold through qualified partners and installed by professionals according to our stringent safety and legal requirements. Our UV-C products are not meant to be used in applications or activities which may cause and/or lead to death, personal injury and/or damage to the environment.

## General Information

|                      |                   |
|----------------------|-------------------|
| Number of gear units | 4 units           |
| Gear                 | HFM [HF Matchbox] |
| Service tag          | Yes               |
| Warranty period      | 1 years           |

## Light Technical

|                             |                 |
|-----------------------------|-----------------|
| Number of light sources     | 4               |
| Beam angle of light source  | - degree(s)     |
| Optic type                  | Lamellae louver |
| Luminaire light beam spread | -               |

## Operating and Electrical

|                                          |                          |
|------------------------------------------|--------------------------|
| Input Voltage                            | 230 V                    |
| Line Frequency                           | 50 Hz                    |
| Inrush current                           | 13 A                     |
| Inrush time                              | 0.11 ms                  |
| Power Consumption                        | 38 W                     |
| Power Factor (Fraction)                  | 0.66                     |
| Connection                               | Push-in connector 3-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 70                       |
| Suitable for random switching            | No                       |
| Protection class IEC                     | Safety class I           |

## Controls and Dimming

|                   |                |
|-------------------|----------------|
| Dimmable          | No             |
| Control interface | -              |
| Maximum dim level | Not applicable |

## Mechanical and Housing

|                                     |                             |
|-------------------------------------|-----------------------------|
| Housing Material                    | Aluminum                    |
| Reflector material                  | Aluminum                    |
| Optic material                      | Aluminum                    |
| Housing Color                       | White and black             |
| Mounting device                     | Frame for recessed mounting |
| Overall length                      | 595 mm                      |
| Overall width                       | 595 mm                      |
| Overall height                      | 185 mm                      |
| Dimensions (Height x Width x Depth) | 185 x 595 x 595 mm          |
| Ingress protection code             | IP20 [Finger-protected]     |
| Mech. impact protection code        | IK02 [0.2 J standard]       |
| Net Weight (Piece)                  | 7.500 kg                    |

## Approval and Application

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| Glow-wire test                     | Temperature 650 °C, duration 30 s              |
| Flammability mark                  | -                                              |
| CE mark                            | Yes                                            |
| ENEC mark                          | -                                              |
| Photobiological risk               | Photobiological risk group 3 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m                                          |
| EU RoHS compliant                  | Yes                                            |
| Performance ambient temperature Tq | 25 °C                                          |
| Ambient temperature range          | +10 to +40 °C                                  |

## UV

|                                 |                         |
|---------------------------------|-------------------------|
| UV-C radiation                  | 0.37 W                  |
| UV-C irradiance defined at 2m   | 136 mW/m <sup>2</sup>   |
| UV-C irradiance defined at 0.2m | 1,522 mW/m <sup>2</sup> |

Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

Sustainability Data

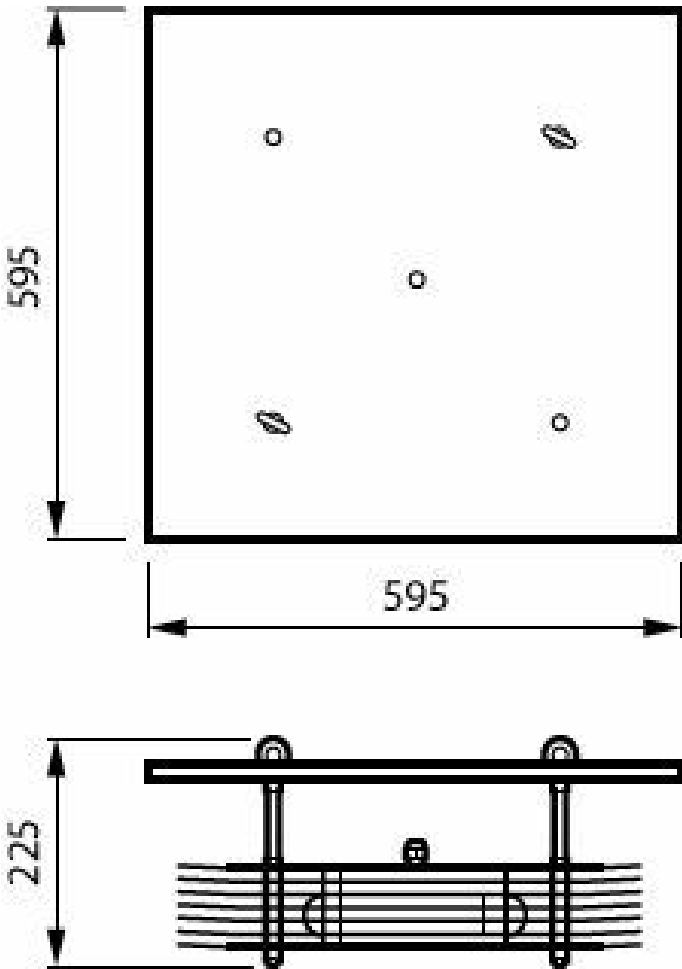
|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Sustainability rating | Unclassified                                                 |
| Repair class          | Repair Class D, this product is not designed to be repaired. |

Product Data

|                    |                         |
|--------------------|-------------------------|
| Order product name | SM355B 4xTUV PLS 9W HFM |
| Full product name  | SM355B 4xTUV PLS 9W HFM |

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Full product code               | 871951496500300                              |
| Order code                      | 96500300                                     |
| Material Nr. (12NC)             | 910505103001                                 |
| Numerator - Quantity Per Pack   | 1                                            |
| EAN/UPC - Product/Case          | 8719514965003                                |
| Numerator - Packs per outer box | 1                                            |
| EAN/UPC - Case                  | 8719514965003                                |
| Product family code             | SM345C [PHILIPS UV-C DISINFECTION UPPER AIR] |

Dimensional drawing



Related Documents

| Documents and certificates | Document Name                                     | Download                                                                                                       |
|----------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Installation Instructions  | NT MI SM355B 4xTUV PLS 9W HFM_standard_202112.pdf | <a href="#">Download</a>  |

