

# UV-C STERILON FLOW 144W

DETAILED CARD



## TECHNICAL PARAMETERS

|  |              |
|--|--------------|
| <b>Nominal power [W]:</b>                                  | 144          |
| <b>Supply voltage [V]:</b>                                 | 220 - 240    |
| <b>Electrical protection class:</b>                        | I            |
| <b>Material of the body:</b>                               | carbon steel |
| <b>Dimensions (H/W/T/S) [mm]:</b>                          | 724/160/220  |
| <b>Ingress protection:</b>                                 | IP20         |
| <b>Mounting version:</b>                                   | detached     |
| <b>Flow air disinfection function:</b>                     | yes          |
| <b>Max volume of the disinfected room [m<sup>3</sup>]:</b> | 120          |
| <b>Direct surface disinfection function:</b>               | yes          |

## CHARACTERISTICS

UV-C STERILON FLOW 144W luminaires emitting ultraviolet (UV-C) light are one of the most effective devices capable of removing viruses, bacteria, fungi from the surface or destroying the DNA or RNA of any exposed microorganisms. It is available as dual-function products.

## APPLICATION

Luminaires are recommended for use in service-providing facilities (hair and beauty salons), health care facilities, hotels, restaurants, public administration, educational and care facilities.

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## TECHNICAL PARAMETERS TABLE

|   |              |   |                                    |
|---|--------------|---|------------------------------------|
| Index:  | 240553       | Air flow [m <sup>3</sup> / h]:                | 200                                |
| Light source:   | UV-C         | Type of light:                                | ultraviolet UV-C                   |
| Nominal power [W]:                                    | 144          | Protection against opening:                   | yes                                |
| Service life of the UV-C radiation source [h]:        | 9000         | Noise intensity [dB]:                         | 44                                 |
| Supply voltage [V]:                                   | 220 - 240    | Internal element emitting UV-C radiation [W]: | 4x36                               |
| Electrical protection class:                          | I            | EAN:  | 5905963240553                      |
| Exchangeable source:                                  | yes          | Frequency [Hz]:                               | 50 - 60                            |
| Material of the body:                                 | carbon steel | Luminous efficacy [lm/W]:                     | 4.80                               |
| Colour of the body:                                   | white/silver | Light colour:                                 | violet                             |
| Dimensions (H/W/T/S) [mm]:                            | 724/160/220  | LED lifespan L70B50 [h]:                      | 9000                               |
| Ingress protection:                                   | IP20         | Working temperature [°C]:                     | from -20 to +45                    |
| Mounting version:                                     | detached     | Operating mode:                               | no                                 |
| Plug type:  | UNI-SCHUKO   | Control:                                      | yes                                |
| Version:  | dual-purpose | Master/slave:                                 | no                                 |
| Cable length [m]:                                     | 3            | Through wiring:                               | no                                 |
| Switch:   | yes          | Protection type:                              | yes                                |
| Net weight [kg]:                                      | 10.310       | Number in carton box [pcs]:                   | 1                                  |
| Gross weight [kg]:                                    | 11           | Number on the palette [pcs]:                  | 20                                 |
| Total power consumption [W]:                          | 155          | Direct surface disinfection function:         | yes                                |
| UV-C wavelength [nm]:                                 | 253.70       | Illumination area at a distance of 1 m:       | 14                                 |
| Dust filter:  | yes          | Warranty [years]:                             | 2                                  |
| Flow air disinfection function:                       | yes          | CE certificate:                               | <a href="#">324/2023</a>           |
| Max volume of the disinfected room [m <sup>3</sup> ]: | 120          | PZH certificate:                              | <a href="#">B-BK-60212-0317/20</a> |
| Working time counter:                                 | yes          | Manual:                                       | <a href="#">Download PDF</a>       |
| HEPA filter holder:                                   | yes          |   |                                    |

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## ACCESSORIES AVAILABLE

| index   | Name  |
|---------|---|
| WL36500 | PL-L UV-C 36W 2G11 OSR fluorescent lamp                     |
| 240492  | Wall bracket STERILON FLOW 144W                             |
| 243660  | Set of guide wheels Sterilon Flow 144W white matt           |
| 243677  | HEPA H10 filter - set of 5 only for the Flow model          |
| WSAW347 | WSAW347 - SterilOn fan dust filter 115x115 PPM 30 1pkg=3pcs |
| 243639  | UV-C protective glasses                                     |



Set of guide wheels Sterilon Flow 144W white matt (243660)



HEPA H10 filter - set of 5 only for the Flow model (243677)



UV-C protective glasses (243639)

Card creation date: 22 July 2021

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 324/2023