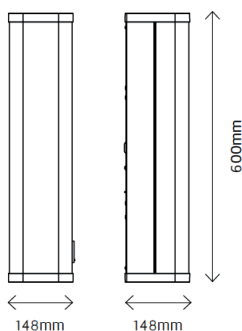


Technical Data Sheet

# DEFENDER 144W



DEFENDER flow luminaires are intended for wall mounting. Luminaires emitting ultraviolet (UV-C) light are one of the most effective devices capable of removing viruses, bacteria, mould from the surface or destroying the DNA or RNA of any exposed microorganisms. Luminaires are available with a 3-metre power cord and without a cord (the so-called investment version).

- Airflow disinfection function
- Type of light: UV-C ultraviolet
- Steel body, powder coated in white
- Endcap made of high-quality grey plastic
- Very low weight: ~ 3 - 4 kg
- Air flow: 160 m<sup>3</sup>/h
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 120 m<sup>3</sup>
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- Version with a power cord (3 m) additionally equipped with an on-off switch
- Luminaire equipped with an operating time counter to indicate the consumption of UV-C luminaires. After the programmed number of UV-C fluorescent lamps' lifetime hours (9000) have elapsed, the lamps should be replaced and the counter reset.
- Accessories: HEPA filter

Luminaires recommended for use in service-providing facilities (hair and beauty salons), health care facilities, hotels, restaurants, public administration, educational and care facilities, as well as for private use. Air Marshal staff can calculate UV-C exposure times for each instance.

Technical Data Sheet

**DEFENDER 144W**



**Airflow disinfection function**

Thanks to stimulated circulation, the air passes through luminaire interior, where it is exposed to the light and disinfected, and then pushed outside. The shielded UV-C light does not escape to the outside of the luminaire, so it can be used in rooms where it is necessary to safely and effectively disinfect the air in the presence of people.

**Efficiency and safety of use is a priority**

The design of the luminaire interior ensures perfect air flow and the highest level of disinfection efficiency. The Defender luminaire is equipped with protection against opening. Removing the top cover requires a hex key.



Airflow disinfection function



Version with cord (3 m)

Luminaire Version	Luminaire Power (W)	Service life of UV-C lamp (h)	Plug	Cable Length	Switch	Protection Class	Supply Voltage	Weight (kg)	Order Code
Wall-mounted version (with cord)	144	9000	UK Plug	3 m	+	I	220-240 V	3,5	AMD144C
Wall-mounted version (cordless)	144	9000	-	-	-	I	220-240 V	3,0	AMD144



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