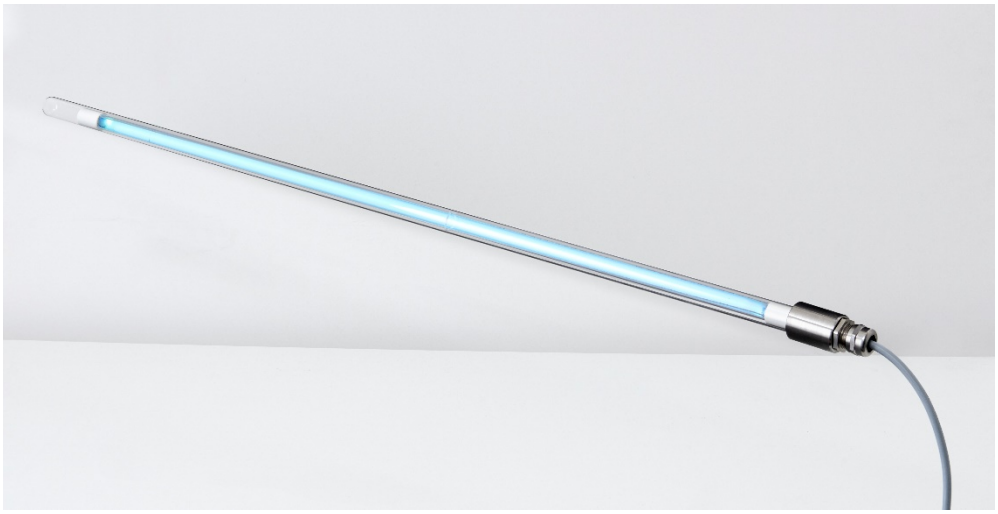
UVC Disinfection

ND BuildIn 105W are UV lamps used for disinfecting air in rooms, and for disinfecting surfaces on equipment and in rooms.

The UV lamps can be built into current installations or desired solutions to ensure effective inactivation of bacteria, fungal spores or viruses.

ND BuildIn 105W:

- ➔ Built-in solution for air and surface disinfection.
- ➔ Flexible solution with simple implementation
- ➔ Proven technology with high UVC performance
- ➔ High efficiency with up to 99.99% inactivation
- ➔ Compact solution that can withstand aggressive environments.



Used in:

- ➔ Ventilation systems
- ➔ Laboratories
- ➔ Common areas
- ➔ Entry sluices
- ➔ Conveyor belt
- ➔ Production line

Read more about UVC here

Technical information:

The system can be delivered with food contact approved material for splinter protection on quartz glass which protects against glass in the environment. Included is a control box with ballasts, which can be placed up to 10 meters from the UV lamps.

The system is designed so that mounting freely will provide optimal UVC lighting in a 360° radius. The components can be used in an aggressive environment, but knocks, shocks and direct impact with high-pressure cleaners should be avoided.

- ➔ Optional quartz glass splinter protection
- ➔ Up to IP65 classification

Specifications Specifications may vary based on individual configurations	
Product name	ND BuildIn 105W
Lifetime on the bulb	Up to 16.000 hours | or 3000 on/off | or 2 years from delivery
Ambient temperature	0-90°C
Number of UVC lamps	1 pcs.
UVC dose*	320 µW/cm^2
IP	65
Electric info	230V – 105W
Length × diameter	965mm × 32mm
Weight	1kg.
Flange material	Stainless steel
Protection against glass shattering	Optional coating of Food contact material approved FEP

* The UVC dose is measured at a distance of 100 cm according to the norm and with the use of an approved ballast.