

HYDRA™ DIRECT

Surface UV-C Disinfection



*Patent Pending



EPA Facility #99690-TX-1



Intertek



DESCRIPTION

UV-C surface disinfection and ambient LED lighting in one fixture, the Hydra™ Direct is the ideal disinfection solution for any space. Customizable to fit the needs of any application, the Hydra™ Direct has versatile user definable options. The Hydra™ retrofits seamlessly into your existing or new system. UV-C Surface disinfection utilizes 3 high output radiators capable of surface disinfection of up to 15'X15' with 10' ceilings per unit.

ELECTRICAL SYSTEM

120V and 277V applications (Other power requirement options available, please contact Nemesis™). Long-life LED system rated for >100,000 life hours (L70@50 °C) for configurations with ambient light. Complies with Federal Energy Efficiency Standards. WiFi App/RF key fob control included standard. RJ45 connection available (replaces WiFi/RF control).

LISTINGS

ETL™/Intertek™ Germicidal listed. All Nemesis™ units are built and registered in our EPA™ registered facility #99690. Proudly designed, sold and manufactured in the USA.

FINISH

Premium UV resistant matte white finish creates a sleek and smooth look with custom color options available.

MOUNTING

2X2 or 2X4 options.

Recessed Grid option with grid clips attached.

Recessed Flanged option with swing arm brackets.

Surface and Pendant mount options also available.

WARRANTY

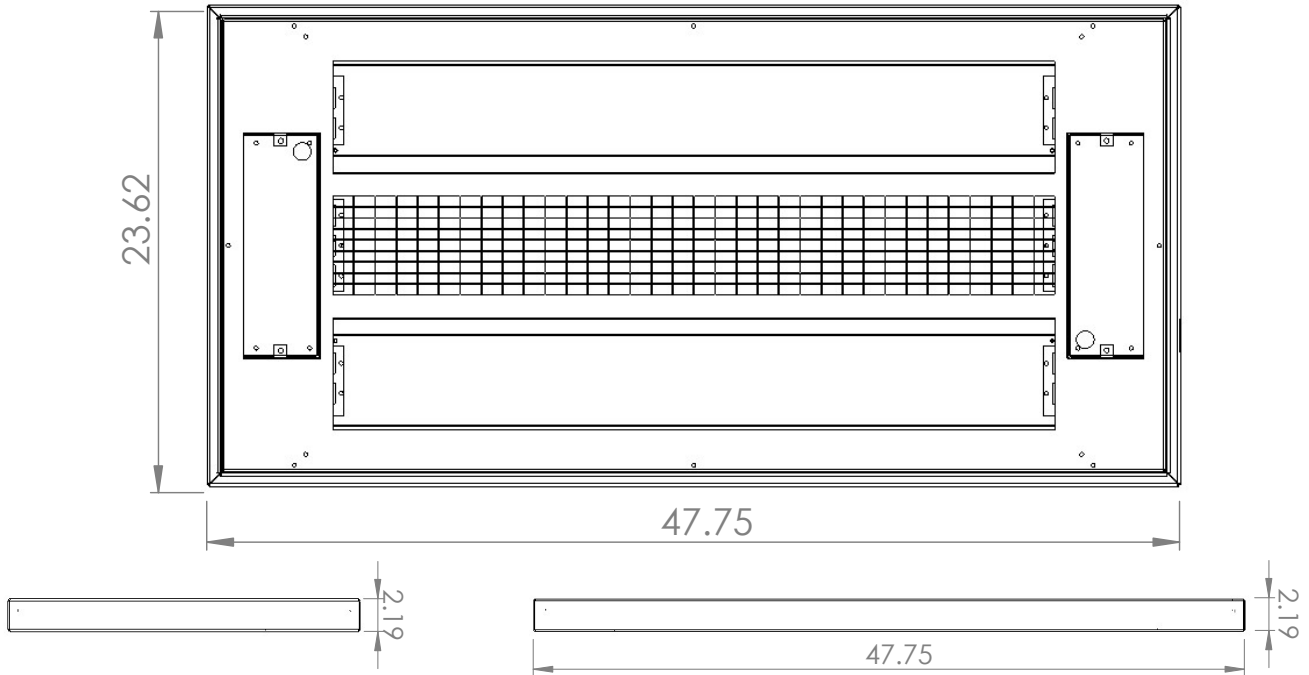
(1) Year 'typical' limited factory warranty included. Extended warranty duration and terms are available upon separate agreement.

ORDERING INFORMATION

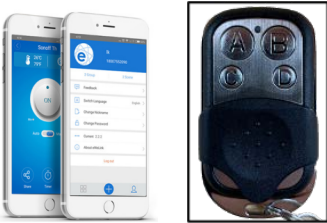
SERIES	FORMAT	MOUNTING	OUTPUT	FINISH	LENS	VOLTAGE	
NHD Nemesis™ Hydra™ Direct	22	2x2	RG Recessed Grid	SL Standard 4000K	MW Matte White	SA Satin Lens	120 120V
	24	2x4	RF Recessed Flanged	C Custom	C Custom	C Custom	277 277V
			SM Surface Mount				
			PM Pendant Mount				

OPTIONS	
DMXA	DMX/ArtNet Control
RGBW	RGBW with Wall Control
RJ45	RJ45 Connection

DIMENSIONS



RF AND APP CONTROL



- Available with RF and Wi-Fi capabilities for ease of use.
- Scheduling and other timing options are available in the app.
- RF keyfob allows for quick on/off function of the fixture.

UV-C Radiator Information

2x4



2x2



UV-C DISINFECTION INFORMATION

- UV-C has been a proven disinfectant for over 100 years, and has been used extensively for the past 40 years in various applications
- UV-C light has the ability to inactivate pathogens (both viruses and bacteria) by impacting the cellular RNA and DNA, damaging nucleic acids, and preventing microorganisms from infecting and reproducing.
- UV-C light is invisible to the human eye, though our 254nm lamps contain a fluorescent phosphorous additive that illuminates visible light to ensure you know that the lamp is functional
- 254nm UV-C has been proven to be the optimal wavelength to inactivate pathogens
- Disinfection effectiveness is determined by exposure time and exposure dosage
- UV-C has been proven to be an extremely effective air and surface disinfectant
- UV-C disinfects and inactivates bacteria and viruses fast
- UV-C light can potentially pose a safety/health hazard to the skin and eyes. The Nemesis™ Hydra™ series is built with safeguards to ensure the room is unoccupied while direct UV-C lamps are on

