

# Stanley Electric's UV-C Product lineup

AeNUV\_Aqua

## [Disinfection for running water]

### ULR24A, UV-C LED resin reactor

~ to offer safe water for everyone ~

#### ◆ Applications

- Water purifier, Water dispenser, Medical measurement device, etc.



#### ◆ Features

- **High Performance** : Equipped with 265nm UV-C LEDs that have high disinfection capability for viruses and bacteria, including chlorine-resistant microorganisms.
- **High Efficiency** : Achieves high disinfection performance with a water rectification mechanism and light distribution technology.
- **Low Pressure Loss** : Lowest pressure loss in the industry.
- **Immediacy** : Can utilize high disinfection effect immediately upon startup.
- **Ecology** : Environmentally friendly mercury-free.

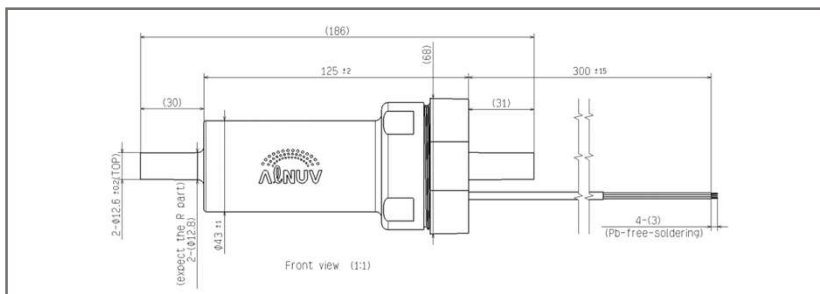
#### ◆ Specifications

Vin=DC24V

Part name	ULR24A	Unit
Max water flow (2.0m/s)	8.0	L/min
UV dose ※1	10(@5.9L/min) 30(@1.6L/min) 40(@1.2L/min)	mJ/cm <sup>2</sup>
Working pressure (Max.)	0.7	MPa
Water temperature	4~40	°C
Power consumption	6.8	W
Empty weight	0.27	kg
Full water weight	0.32	kg
Fittings	1/2	inch
Size(L×W×H)	Φ68×186	mm
IP rating	IP65	-
Cooling method	Internal water cooling	-

※1 UV transmittance 98%, Typical value measured by biosimulator using Bacteriophage Qβ (Initial Performance)

#### ◆ Dimensions (mm)



#### ◆ Flow Rate Characteristics

