

## Stanley Electric's UV-C Product lineup

### UV-C LED Stainless Reactor for Running Water Applications

*AλNUV\_Aqua, to offer safe water for everyone*



ULR1B/ULR2B



ULR4B/ULR6B

※Product image

#### ◆ Applications

- Pure water system, Industrial machinery, Water purifier, Water dispenser, etc.

#### ◆ Features

- Equipped with 265nm UV-C LEDs that have high disinfection capability for viruses, bacteria, and chlorine-resistant pathogenic organisms (mercury free)
- Achieves high disinfection performance with a water rectification mechanism and light distribution technology
- Vertical and horizontal installation is possible
- Can utilize high disinfection effect immediately upon startup
- Extensive product lineup for wide variety of applications
- Compatible with replacement of only the light source part

#### ◆ Specifications

IF=440mA

Part name	ULR1B	ULR2B	ULR4B	ULR6B
Water flow rate [L/min]	0.5~5		0.5~(15)	
UV dose (Min.) [mJ/cm <sup>2</sup> ] ※1	10(@1.5L/min) 22(@0.5L/min)	10(@3.0L/min) 22(@1.1L/min)	10(@7.9L/min) 22(@3.3L/min) 40(@1.7L/min)	10(@15L/min) 22(@5.5L/min) 40(@2.8L/min)
Maximum working pressure [MPa]	0.8		0.8	
Water temperature [°C]	0~40		0~40	
Power consumption [W] ※2	3.0	6.1	15	22
Body material	SUS304		SUS304	
Empty weight [Kg]	0.25		0.35	
Full water weight [Kg]	0.32		0.43	
Fittings [inch]	1/2		1/2	
Size(L×W×H) [mm]	146.5×40×66		187×55×73.5	
IP rating	IP54		IP54	
Cooling method	Natural air cooling		Forced-air cooling	

※1 UV dose : In-house experimental values using UVT: 98% and Indicator bacteria: E. coli phage Qβ (Initial Performance)

※2 Power consumption : ULR4B/6B are the value when operating the LED and fan

#### ◆ Outline dimensions (Unit : mm)

