

Stanley Electric's UV-C Product lineup

UV-C LED Stainless Reactor for Running Water Applications AeNUV_Aqua, to offer safe water for everyone



ULR1B/ULR2B



ULR4B/ULR6B

Under
development

※Product image

◆ Applications

- Water purifier, water dispenser, flow measurement in medical devices, 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	Units
Water flow rate	0.5~5		0.5~(15)		L/min
UV DOSE (Min.) ※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)	mJ/cm ²
Maximum working pressure	0.8		0.8		MPa
Water temperature	0~40		0~40		℃
Power consumption ※2	3.0	6.1	15	22	W
Body material	SUS304		SUS304		—
Vacant weight	0.25		0.35		kg
Full water weight	0.32		0.43		kg
Fittings	1/2		1/2		inch
Size(L×W×H)	146.5×40×66		187×55×73.5		mm
Dustproof and waterproof	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 Q β (Initial Performance)

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

◆ Outline dimensions (Unit : mm)

