

Stanley Electric's UV-C Product lineup

AeNUV_Aqua

[Disinfection for running water] ULR1B/2B, 4B/6B, UV-C LED reactor ~ to offer safe water for everyone ~

◆ Applications

- Pure water system, Industrial machinery, Water purifier, Water dispenser, 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.
- **Durability** : Durable SUS housing is used.
- **Ecology** : Compatible with replacement of only the light source part.

◆ Specifications

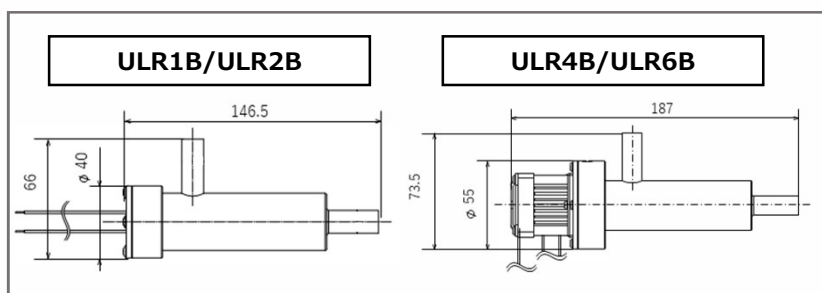
IF=440mA

Part name	ULR1B	ULR2B	ULR4B	ULR6B	Unit
Max water flow (2.0m/s)	8.0		8.0		L/min
UV dose ※1	10(@2.0L/min) 30(@0.6L/min) 40(@0.4L/min)	10(@4.7L/min) 30(@1.2L/min) 40(@0.9L/min)	10(@9.0L/min) 30(@2.6L/min) 40(@1.9L/min)	10(@15.3L/min) 30(@4.0L/min) 40(@2.6L/min)	mJ/cm ²
Working pressure (Max.)	0.8		0.8		MPa
Water temperature	0~40		0~40		°C
Power consumption ※2	3.6	7.1	14.1	21.1	W
Body material	SUS304		SUS304		-
Empty weight	0.25		0.36		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
IP rating	IP54		IP54		-
Cooling method	Natural air cooling		Forced-air cooling		-

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

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

◆ Dimensions (mm)



◆ Flow Rate Characteristics

