

Stanley Electric's UV-C Product lineup

AeNUV_Aqua

[Disinfection for stored water]

ULM1B, UV-C LED unit

~ an easy-to-install unit suitable for disinfecting stored water, circulating water, and surfaces ~

◆ Applications

- Water disinfection for storage tank application (ex. Drink dispenser, humidifier, etc.)
- *Precautions for handling this product: Please refrain from using the UV light directly irradiated to the human body



◆ Features

- **High Performance** : Equipped with 265nm UV-C LEDs that have high disinfection capability for viruses and bacteria, including chlorine-resistant microorganisms.
- **Immediacy** : Can utilize high disinfection effect immediately upon startup.
- **Durability** : Achieves high durability by adopting metallic housing, which does not affected by UV degradation.
- **Compact size** : Easily mounted in a narrow space.
- **Water proof** : The irradiation side has the waterproof of IPX7 equivalency.

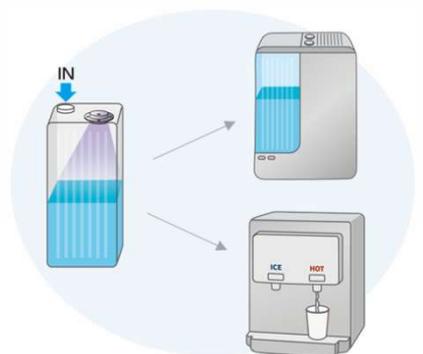
◆ Specifications

Part name : ULM1B

Conditions: Ta=25°C

Item	Symbol	Condition	MIN.	TYP.	MAX.	Unit
Total Power	P _o	I _F = 250mA	10	20	—	mW
Peak Wavelength	λ _p	I _F = 250mA	259	265	269	nm
Spectral half width	Δλ	I _F = 250mA	—	11	—	nm
Half UV rays irradiance angle	2θ _{1/2}	I _F = 250mA	—	(60)	—	deg.
Forward voltage	V _F	I _F = 250mA	5.6	6.6	7.7	V

◆ Examples of use



◆ Dimensions (mm)

