

## 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.

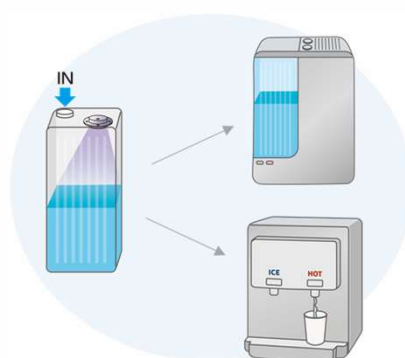
#### ◆ Specifications

Part name : ULM1B

Conditions: Ta=25℃

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

#### ◆ Examples of use



#### ◆ Dimensions (mm)

