

# Water Sterilization UV LED Reactor

## ■ Features

- Deep ultraviolet LED with a wavelength of 265 nm high bactericidal effect
- Homogenization of flow velocity distribution through rectifying mechanism
- Improvement of light efficiency through light distribution control



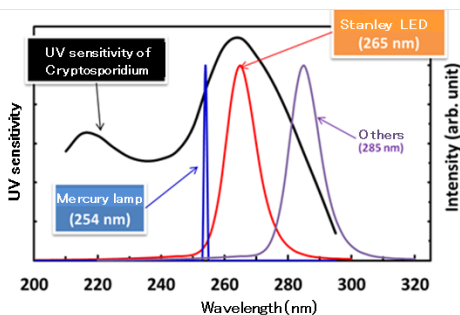
100L/min type

## ■ Applications

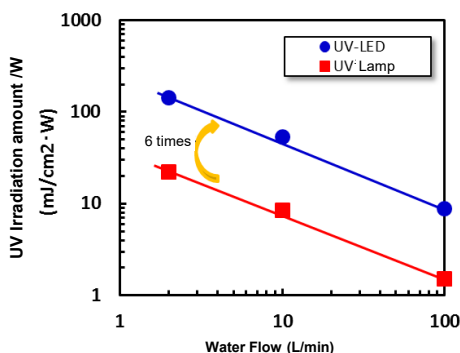
- POU: Point of Use (Faucet water purifier, stationary water purifier, humidifier, toilet seat wash water, drink server etc.)
- POE: Point of Entry (Residential buildings, small commercial facilities, etc.)
- Industrial applications (Water for raw materials, washing water etc.)

## ■ Reference data

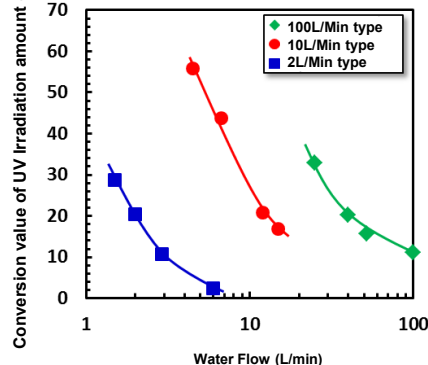
Emission spectrum and UV sensitivity of Cryptosporidium



Reduction Equivalent Dose per UVC power of 1W



Reduction Equivalent Dose of *E. coli* Phage MS2



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**STANLEY ELECTRIC Co.,Ltd.**

<https://www.stanley.co.jp/e/product/>

### Contact

Germany : Stanley Electric GmbH  
 UK : Stanley Electric (U.K.) Co., Ltd.  
 France : STANLEY-IDESS S.A.S.  
 Web : <https://www.stanley.co.jp/e/inquiry/>

Waldecker Strasse 5 D-64546 Moerfelden-Walldorf, Germany, EU  
 The Columbia Centre, Station Road, Bracknell, Berkshire RG12 1PL, U.K.  
 41, rue des Trois Fontanot, 92000 Nanterre, France

(Tel: 49-6105-930530 Fax: 49-6105-930555)  
 (Tel: 44-1344-830450 Fax: 44-1344-830496)  
 (Tel: 33-1-4781-8585 Fax: 33-1-4786-0916)