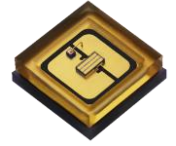


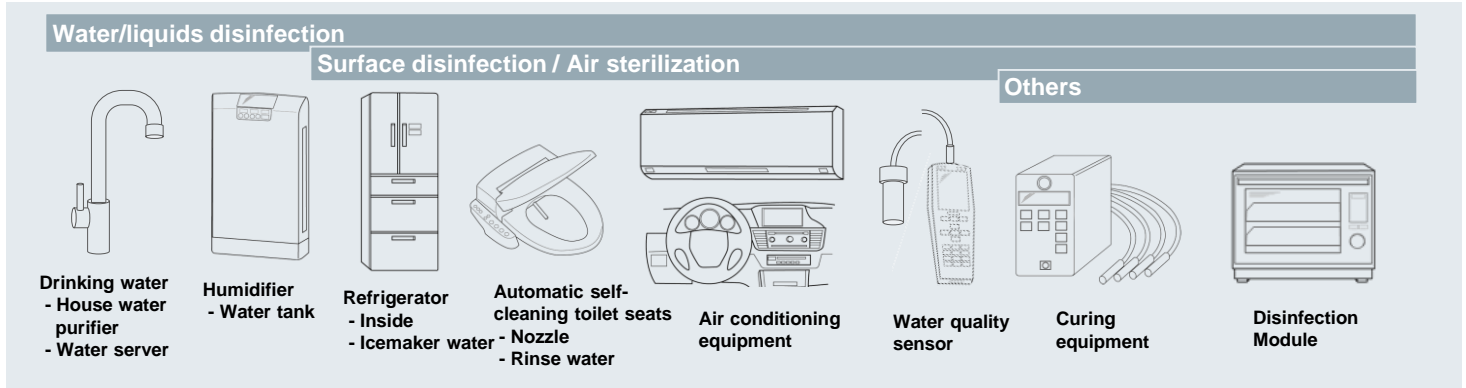
265 nm variation for UV sterilization

New line up for various application



Z * UFE265 Series

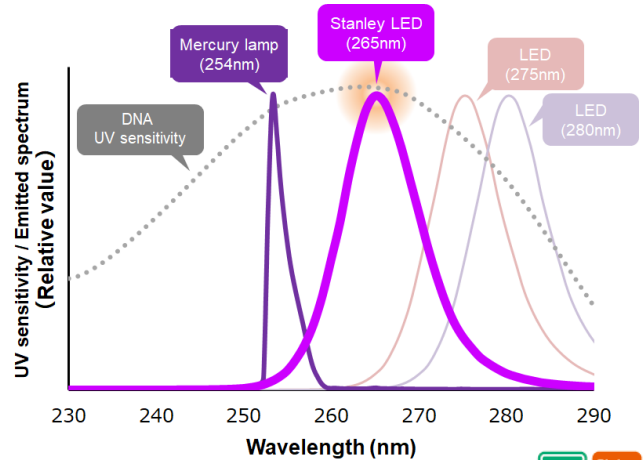
◆ Applications



- Ultraviolet sterilization that directly affects the DNA of bacterium
- No residual risk due to no use of chemicals

◆ Features

- 265 nm : the highest sterilizing capability
- Light output variation: 6 to 30 mW
- Offers clear advantages over UV lamps:
 - Compact
 - Mercury-free
 - Low power consumption
 - Low heat generation
 - Instant ON/OFF switching



◆ Specifications

			Under Development			RoHS2	Pb-free HEAT
Part Name			ZKUF265	ZJUF265	ZGUF265	Units	
Basic Characteristics	Wavelength	λ_p	265			nm	
	Light output	P_o	6	12	30	mW	
	Forward voltage	V_F	7.3	7.4	7.5	V	
	Half intensity angle	$2\theta_{1/2}$	135	135	135	deg.	
	Forward current	I_F	50	110	260	mA	
Absolute maximum ratings	Forward current	I_F	20~100	40~180	50~300	mA	
	Junction temp.	T_j	100	100	100	°C	
	Thermal resistance	$R_{th(j-s)}$	25	17	10	°C/W	
	Operating temp.	T_{opr}	-30~+85			°C	
	Storage temp.	T_{stg}	-40~+100			°C	
Size		$L \times W \times H$	3.6 × 3.6 t=1.04			mm	

