

## High performance & High reliability ULTRAVIOLET (UV) LED

### APPLICATIONS:

- Inter-space communication devices
- Counterfeit detector for banknotes and passports
- Air cleaner/purifier as a photocatalyst to purify the harmful substances
- Chemical analysis equipment
- Medical apparatus in the field of biotechnology



### Electrical & Optical Characteristics

Measuring Condition:  $I_F=20\text{mA}/T_A=25$

Package	Model Number	Peak Wavelength	Forward voltage	Output Power	Viewing Half Angle
		[ $\lambda_p$ ]	[ $V_F$ ]	[ $P_o$ ]	[ $1/2$ ]
Mold – Lens	<b>AUV355AAUE</b>	<b>355nm</b>	Typ. 3.6 V	0.6~1.2 mW	$\pm 10^\circ$
	<b>AUV360AAUE</b>	<b>360nm</b>		0.6~1.8 mW	
	<b>AUV365AAUE</b>	<b>365nm</b>	Typ. 3.8 V	1.2~2.4 mW	
	<b>AUV370AAUE</b>	<b>370nm</b>	Typ. 3.6 V	1.8~6.0 mW	
	<b>AUV375AAUE</b>	<b>375nm</b>		2.4~8.4 mW	
	<b>AUV382AAUE</b>	<b>382nm</b>	Typ. 3.5 V	Typ. 10 mW	
	<b>AUV405AAUE</b>	<b>405nm</b>	Typ. 3.3 V	Typ. 20 mW	
Mold - Flat	<b>AUV365DAUE</b>	<b>365nm</b>	Typ. 3.8 V	1.2~2.4 mW	$\pm 42^\circ$
	<b>AUV370DAUE</b>	<b>370nm</b>	Typ. 3.6 V	1.8~6.0 mW	
	<b>AUV375DAUE</b>	<b>375nm</b>		2.4~8.4 mW	
	<b>AUV382DAUE</b>	<b>382nm</b>	Typ. 3.5 V	Typ. 2.0 mW	
	<b>AUV405DAUE</b>	<b>405nm</b>	Typ. 3.3 V	Typ. 2.8 mW	
Can - Lens	<b>AUV365L-LC</b>	<b>365nm</b>	Typ. 3.8 V	0.4~0.8 mW	$\pm 10^\circ$
	<b>AUV370L-LC</b>	<b>370nm</b>	Typ. 3.6 V	0.4~1.8 mW	
	<b>AUV375L-LC</b>	<b>375nm</b>		0.4~2.4mW	
Can - Flat	<b>AUV365L-FC</b>	<b>365nm</b>	Typ. 3.8 V	0.4~1.2 mW	$\pm 45^\circ$
	<b>AUV370L-FC</b>	<b>370nm</b>	Typ. 3.6 V	0.4~2.4 mW	
	<b>AUV375L-FC</b>	<b>375nm</b>		0.6~3.0 mW	