

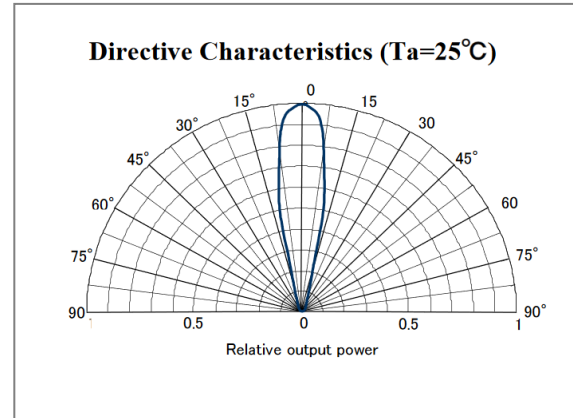
**Mold Type UV LED LAMP  
AUV375AAUE**

Ultra Violet LED

◆ **Absolute Maximum Ratings (Ta=25°C)**

Item	Symbol	Ratings	Unit
DC Forward Current	I <sub>F</sub>	25	mA
Pulse Forward current*	I <sub>FP</sub>	100	mA
Power Dissipation	PD	100	mW
Operating Temperature	T <sub>OPR</sub>	-30~+80	°C
Storage Temperature	T <sub>STG</sub>	-30~+100	°C
Soldering Temperature	T <sub>SOL</sub>	260 (within 10 sec.)	°C

\* Conditions: duty cycle  $\leq 1/10$ , Pulse width  $\leq 0.1$ msec



◆ **Optical and Electrical Characteristics (Ta=25°C)**

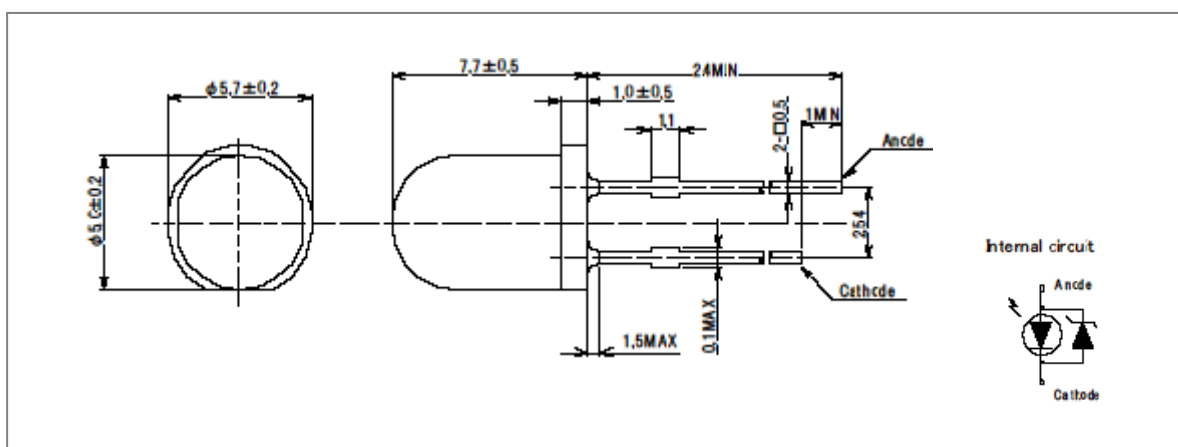
Item	Symbol	Conditions	Min	Typ	Max	Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	3.2	3.6	4.2	V
Peak wavelength <sup>*1)</sup>	$\lambda_p$	I <sub>F</sub> =20mA	375	--	380	nm
Full Width at Half Max.	$\Delta\lambda$	I <sub>F</sub> =20mA	10	--	20	nm
Optical Output Power <sup>*2)</sup>	P <sub>O</sub>	I <sub>F</sub> =20mA	--	14.0	--	mW
Direction	$\theta_{1/2}$		--	$\pm 15$	--	°

\*1: Measurement error  $\pm 2$ nm

\*2: Measurement error  $\pm 10\%$

Not available to supply after the selection according to P<sub>O</sub> Rank.

◆ **Dimension (unit: mm)**



**CAUTION:**

- LEDs emit very strong UV radiation.
- Do not look directly into the LED light. UV radiation can harm your eyes.
- To prevent even from inadequate exposure, wear protective eye ware.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.