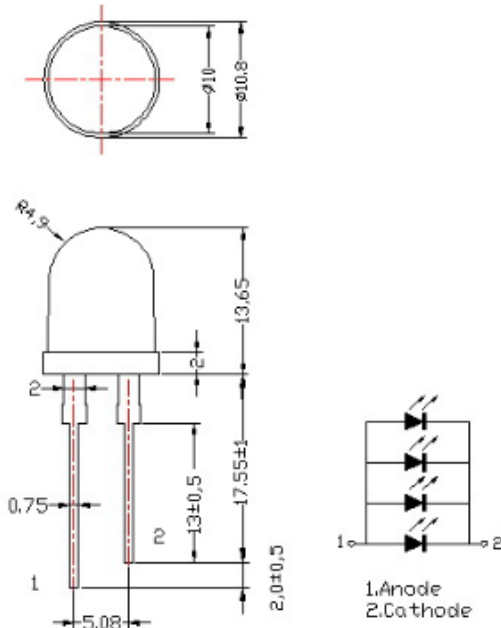


ARL-10080UWC4-20

Part No.	Chip		Lens Color
	Material	Emitted Color	
ARL-10080UWC4-20	InGaN	White	Water clear

Package Dimensions



Notes

- 1.All dimensions units are millimeters
- 2.All dimensions tolerance is $\pm 0.1\text{mm}$ unless otherwise noted
- 3.An epoxy meniscus may extend about 2.0mm Down the leads
- 4.Burr around bottom of epoxy may be 0.75mm Max..



Characteristics Parameter at $T_a=25^\circ\text{C}$ $T_j \leq 80^\circ\text{C}$ $I_f=80\text{mA}$

Part No.	Emitting Color	color temperature $T_c(\text{K})$	Lens Type	Forward Voltage $V_f(\text{V})$	Luminous Flux(lm)	Viewing Angle($^\circ$)
ARL-10080UWC4-20	White	6500—7500	Water Clear	3.0—3.6	18—28	25 \pm 3

Absolute Maximum Rating at $T_a=25^\circ\text{C}$

Parameter	Symbol	Value	Units
Power Dissipation	P_D	280	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I_{FP}	160	mA
Reverse Voltage	V_R	5	V
Reverse Current	I_R	≤ 10	μA
Operating Temperature	T_{opr}	-40~ -60	$^\circ\text{C}$
Storage Temperature	T_{stg}	-40~ -85	$^\circ\text{C}$
Lead Soldering Temperature(5mm From The Base Of The Epoxy Bulb)	T_{sol}	260($\leq 5\text{s}$)	$^\circ\text{C}$

Notes

- 1.All dimensions are millimeters
2. $\pm 0.1\text{mm}$.Tolerances are $\pm 0.1\text{mm}$ unless otherwise specified
- 3.Under the stipulated Characteristics parameters above, the life span of the LED is more than 30,000 hours
- 4.The data on this specification is for reference only and the actual data is in accordance with the acknowledgment
5. Careful attention should be paid during soldering. when soldering, leave more than 5mm from solder joint to epoxy bulb, and soldering beyond the base of the tie bar is recommended
6. The above data are from our company's testing condition