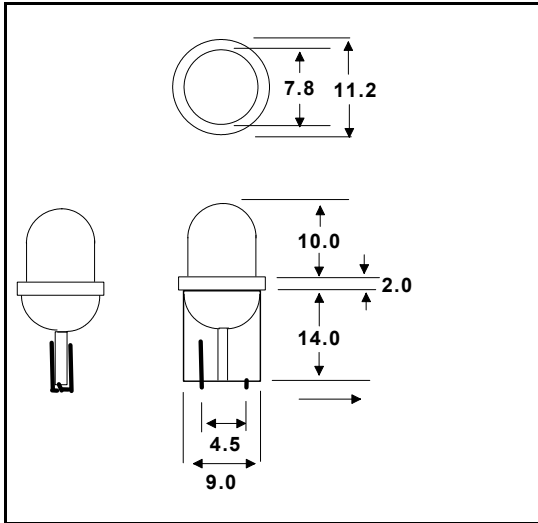


Wedge based LED lamps

SA-BZ series

Dimensions



Notes: All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$

• **Absolute maximum ratings (Ta=25°C)**

Parameter	SYMBOL	BLUE/GREEN /WHITE	RED/ YELLOW	UNIT
Nominal Voltage rating	V dc	12	12	V
Average Forward Current	Ifav	20	20	mA
Reverse Voltage	Vr	>5	>5	V
Storage Temperature	Tstg	-30 to +100		°C
Operating Temperature	Top	-25 to +80		°C

• **Electro-optical characteristics (ratings@ Ta= 25°C)**

Part No	Emitted Colour	Lens Colour	Wavelength	$\Delta\lambda$	Luminous Intensity	Viewing Angle typ
			λ_{dnm}	(nm)	mcd	2 θ 1/2(deg)
SA-BR43N9	Red	Water clear	630	20	1,800	40
SA-BY43N9	Yellow	Water clear	590	20	1,800	40
SA-BB43N9	Blue	Water clear	470	20	1,000	40
SA-BE43N9	Bluish Green	Water clear	505	25	2,000	40
SA-BG43N9	Green	Water clear	530	25	2,000	40
SA-BZ43N9	White	Water clear	x=0.31 y=0.32	20	1,800	40

Preliminary Data

Notes:
Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified
Specifications may be subject to change without notice

01/11/03