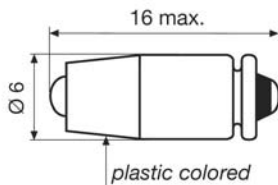




T1¼ Midget Grooved LED AC/DC with Half Wave Rectifier



All dimensions are in mm



Lamp base in accordance to DIN EN 60061-1: S5,7s

Electrical and optical data are measured at an ambient temperature of $T_A = 25^\circ\text{C}$

Storage temperature $T_{STG} : -25^\circ\text{C} - +80^\circ\text{C}$
Ambient temperature $T_A : -20^\circ\text{C} - +60^\circ\text{C}$
Voltage tolerance $V_{OP} : \pm 10\%$

Part No.	Color	Voltage V_{OP} [V] AC/DC	Current $I_{OP \text{ typ.}}$ [mA] AC/DC	Lumi. Intensity $**I_{V \text{ typ.}}$ [mcd]	Dominant Wavelength λ_D [nm]
WL-1512125UR3	red	12	7/14	350	630
WL-1512125UG3	green	12	7/14	2200	525
WL-1512125UY3	yellow	12	7/14	300	587
WL-1512125B3	blue	12	7/14	680	470
WL-1512125W3	white clear	12	7/14	1430	*
WL-1512125W3D	white diffused	12	7/14	720	*
WL-1512135UR3	red	24	7/14	350	630
WL-1512135UG3	green	24	7/14	2200	525
WL-1512135UY3	yellow	24	7/14	300	587
WL-1512135B3	blue	24	7/14	680	470
WL-1512135W3	white clear	24	7/14	1430	*
WL-1512135W3D	white diffused	24	7/14	720	*
WL-1512145UR3	red	28	7/14	350	630
WL-1512145UG3	green	28	7/14	2200	525
WL-1512145UY3	yellow	28	7/14	300	587
WL-1512145B3	blue	28	7/14	680	470
WL-1512145W3	white clear	28	7/14	1430	*
WL-1512145W3D	White diffused	28	7/14	7230	*

* Chromaticity coordinates $X = 0.31$ $Y = 0.32$

** Luminous intensity data of the used LED's at: $I_{OP \text{ typ}}$ DC

- These Wamco LED's are built with a protection diode in series with the resistor and the LED. They can be used on DC voltage and AC voltage. The typical light reduction on AC voltage against DC voltage operation is around 25%.
- Due to production tolerances, color temperature variations may be detected within individual consignments.

Drawn	ND	07/02/08	T1¼ Midget Grooved LED AC/DC with Half Wave Rectifier	Datasheet: WL-1512XX5XXX	Rev:
Checked	EB	07/02/08			
Approved	EB	07/03/08			