

L5,5K12U_ALLE

23.04.2021

Ultra-bright LED, T5,5K socket, 12V



General Data

Type reference	L5,5K12Ux
Description	LED T5,5K - ultrabright 12V
Approvals	CE
Max. storage temperature	-25°C ... 80°C
Max. operating temperature	-20°C ... 60°C

Technical Data - Lamp

Definition	X1...anode: marked (+)
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Additional electrical data

LED type	ultra bright single chip LED, L5,5k
Rated voltage	12 V AC/DC (+10%)
Rated current	AC/DC 7/14 mA (x=R, G, B, Y); 3/6 mA (x=W)
Connections	T5,5k

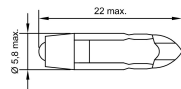
Note

L5,5K12Ux (x: W=white, R=red, G=green, B=blue, Y=yellow);
with half-wave rectifier;
when connected to DC, ensure correct polarity.

The electrical and optical data were measured at an ambient temperature of 25°C.

The types listed are all manufactured with a protective diode in series with the resistor and the LED.
This allows to use them also at AC voltage

Due to fabrication tolerances, the LEDs may have minor variations in colour (colour temperature).
Thus, the colours of the LEDs from the same lot may vary as well.



Farbe / Colour	Spannung / Voltage	Typ. Strom / Typ. Current	Typ. Lichtstärke / Typ. Light Intensity	Dim. Wellenlänge / Dim. Wavelength
Red	12V AC/DC	7mA / 14mA	230mcd	630nm
Green	12V AC/DC	7mA / 14mA	2100mcd	525nm
Yellow	12V AC/DC	7mA / 14mA	280mcd	580nm
Blue	12V AC/DC	7mA / 14mA	650mcd	470nm
White Clear	12V AC/DC	3mA / 6mA	1800mcd	$\lambda = 0.51 \mu\text{m} \pm 0.32$

