

L5,5K12U_ALLE

26.04.2021

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

Additional electrical data

LED type:	ultra bright single chip LED, L5,5k
Rated voltage:	12V 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.

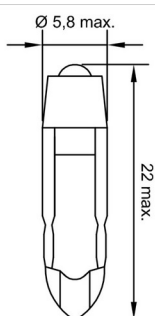
The electrical and optical data were measured at an ambient temperature of 25°C.

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).

Therefore, it cannot be precluded that the colours of the LEDs of the same batch are perceived differently.



Farbe Colour	Spannung Voltage	typ. Strom typ. Current	typ. Lichtstärke typ. Lum. Intensity	Dom. Wellenlänge Dom. Wavelength
Red	12V AC/DC	7mA / 14mA	330mcd	630nm
Green	12V AC/DC	7mA / 14mA	2100mcd	525nm
Yellow	12V AC/DC	7mA / 14mA	280mcd	587nm
Blue	12V AC/DC	7mA / 14mA	650mcd	470nm
White Clear	12V AC/DC	3mA / 6mA	1800mcd	x = 0,31 / y = 0,32