

L5,5K24U_ALLE

04.11.2020

Ultra-bright LED, T5,5K socket, 24V



General Data

Type reference	L5,5K24Ux
Description	LED T5,5K - ultrabright 24V
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	24 V AC/DC (+10%)
Rated current	AC/DC 7/14 mA (x=R, Y); 3/6 mA (x=B, G, W)
Connections	T5,5k
Metallisation of terminals	nickel-plated brass

Note

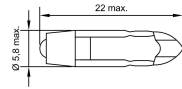
L5,5K24Ux (x: W=white, R=red, G=green, B=blue, Y=yellow);
with half-wave rectifier;
when connected to DC, ensure correct polarity;

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 U _{op} [V] AC/DC	Strom Current I _{op} [mA] AC/DC	Lichtstärke Lum. Intensity I _v [mcd]	Charakteristika Wellenlänge Wavelength λ ₀ [nm]
grün/green	24	3,8	2000	525
gelb/yellow	24	37,4	1400	587
blau/blue	24	3,8	1000	470
weiß/white clear	24	5,8	1800	-

*Farbkordinaten / chromaticity coordinate: X = 0,21 Y = 0,32
 **Lichtstärken der verwendeten Leuchtdioden bei I_{nominal} Intensity data of the used LEDs at I_{nominal}

