

L5,5K24U_ALLE

04.11.2020

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

Additional electrical data

LED type:	ultra bright single chip LED, L5,5k
Rated voltage:	24V 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

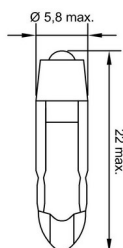
Note

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 <i>Colour</i>	Spannung <i>Voltage</i>	Strom <i>Current</i>	Lichtstärke <i>Lumi. Intensity</i>	Dominante Wellenlänge <i>Dominant Wavelength</i>
	U _{OP} [V] AC/DC	I _{OP typ.} [mA] AC/DC	**I _{V typ.} [mcd]	λ _D [nm]
grün/ <i>green</i>	24	3/6	2000	525
gelb/ <i>yellow</i>	24	7/14	1400	587
blau/ <i>blue</i>	24	3/6	1000	470
weiß klar/ <i>white clear</i>	24	3/6	1600	*

*Farbkoordinaten / *chromaticity coordinates* X = 0,31 Y = 0,32

**Lichtstärkedaten der verwendeten Leuchtdioden bei / *Luminous intensity data of the used LEDs at: I_{OP typ.DC}*