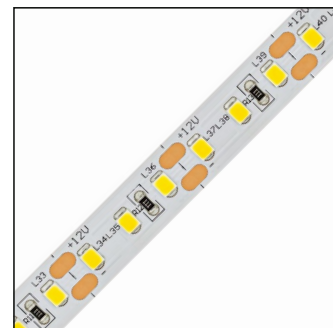


## LED strip Furniture 120 15W 12V IP20



- ✓ The Furniture series has been developed based on years of experience with furniture producers and interior design professionals.
- ✓ Brightness up to 1800 lm/m provides a sufficiently strong and high-quality illumination of work areas with a low percentage of unwanted blue light.
- ✓ Divisible every 25 mm (3 LEDs) for perfect length adjustment and illumination of every inch.
- ✓ The slimmed down 8mm width ensures compatibility with more delicate furniture profiles.
- ✓ Appropriate for direct or indirect lighting and for creating continuous lines of light.
- ✓ Ideal for furniture manufacturers and interior design contractors.
- ✓ Suitable for elegant illumination of homes, kitchens and bathrooms\* workplaces, shelves, display cabinets...
- ✓ 5 year warranty.



\* in damp environments use only after appropriate treatment (e.g. sealing the LED strip in a profile)

### COLOR TEMPERATURE VARIANTS\*

Color temperature	Luminous flux <sup>1</sup>	Luminous efficacy <sup>2</sup>	Blue spectrum <sup>3</sup>	Energy eff. class	Order code
3000 K 	1700 lm/m	113 lm/W	14.3 %	F	10001597
4000 K 	1800 lm/m	120 lm/W	21.4 %	E	10001598
6500 K 	1770 lm/m	118 lm/W	35.2 %	F	10001599

\*The list is not comprehensive. We also produce custom variants. For more information, please contact us at [info@tron.cz](mailto:info@tron.cz)

<sup>1</sup> Luminous flux tolerance -10/+20 %. Value at tc=25°C.

<sup>2</sup> Luminous efficacy tolerance -10/+20 %. Value at tc=25°C.

<sup>3</sup> Proportion of 380-480 nm wavelength light. Blue spectrum tolerance ±10 %. Value at tc=25°C.

### PRODUCT SPECIFICATIONS

Power supply	12 V DC	Maximum line length <sup>6</sup>	4.5 m
Power <sup>4</sup>	15 W/m	Protection	IP 20
LED density	120 LED/m	Max. temperature at tc	85 °C
LED package	2835	Ambient temperature	-35 to +50 °C
Color consistency	3 SDCM	Storage temperature	-25 to +40 °C
CRI <sup>5</sup>	>80	Dimmable	YES
Beam angle	120°	Lifespan L80B50 <sup>7</sup>	>54,000 h
Light direction	TOP	Warranty	5 years
Single module	3 LED	Copper thickness top/bottom	35/70 µm
Single module length	25 mm	Thermal conductive tape	3M 9495LE
Width	10 mm	Surface color	white
Height	2 mm	Length (packaging)	10 m

<sup>4</sup> Power tolerance ±10 %. Value at tc=25°C.

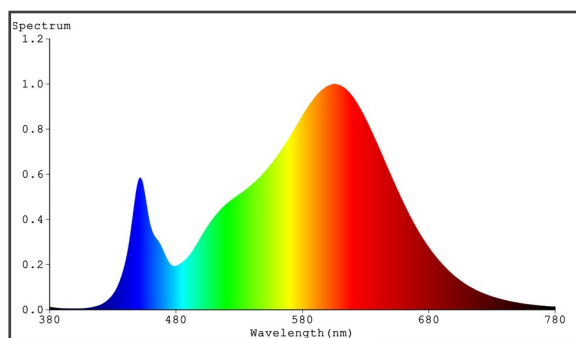
<sup>5</sup> CRI tolerance ±2 %. Value at tc=25°C.

<sup>6</sup> Maximum length at which brightness difference between the start and the end of the line does not exceed 20 %.

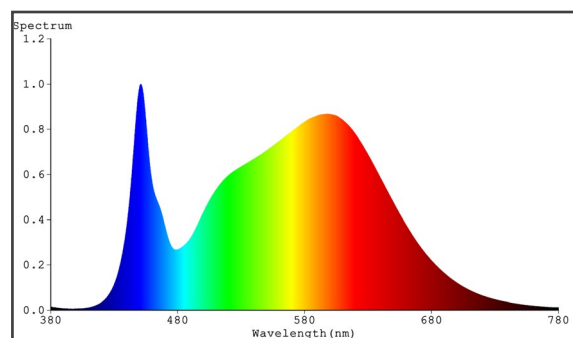
<sup>7</sup> Value at tc=55°C and I=30mA.



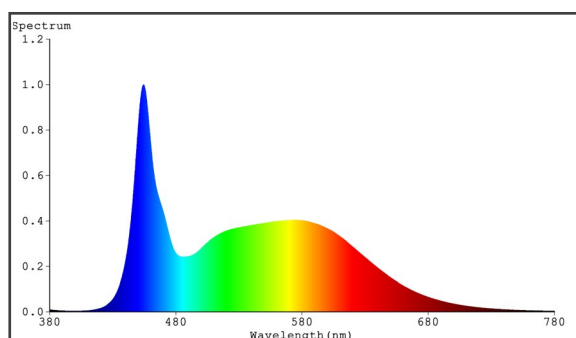
## NORMALISED SPECTRAL DISTRIBUTION



● 3000 K, CRI > 80



○ 4000 K, CRI > 80



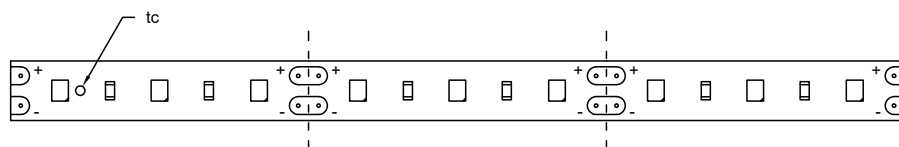
● 6500 K, CRI > 80

## CHROMATICITY REGION AND COORDINATES

CCT	MacAdam	CIE $x^*$	CIE $y^*$
3000 K	3 SDCM	0.435	0.401
4000 K	3 SDCM	0.382	0.380
6500 K	3 SDCM	0.312	0.327

\* Tolerance  $\pm 0.01$ . Value at  $t_c=25^\circ\text{C}$ .

## TESTING POINT $t_c$



The testing point  $t_c$  is always located next to the first LED on the strip (the picture is illustrative only).

**We are ready to help you!**

Mo-Fr, 8:00-16:00

**Information**

info@tron.cz  
+420 541 420 720

**Orders**

objednavky@tron.cz

**Technical support**

techzona@tron.cz



TRON.CZ

Visit our website



ESHOP-TRON.CZ

Order now via our  
online store!

**Headquarters**

TRON ELEKTRONICKÉ SOUČÁSTKY, s. r. o.  
Karásek 1 J (Pharma park, building 12)  
621 00 Brno - Řečkovice  
Czech republic

**Billing address**

TRON ELEKTRONICKÉ SOUČÁSTKY, s. r. o.  
Běly Pažoutové 1  
624 00 Brno - Komín  
Czech republic  
IČ: 25331205  
DIČ: CZ25331205