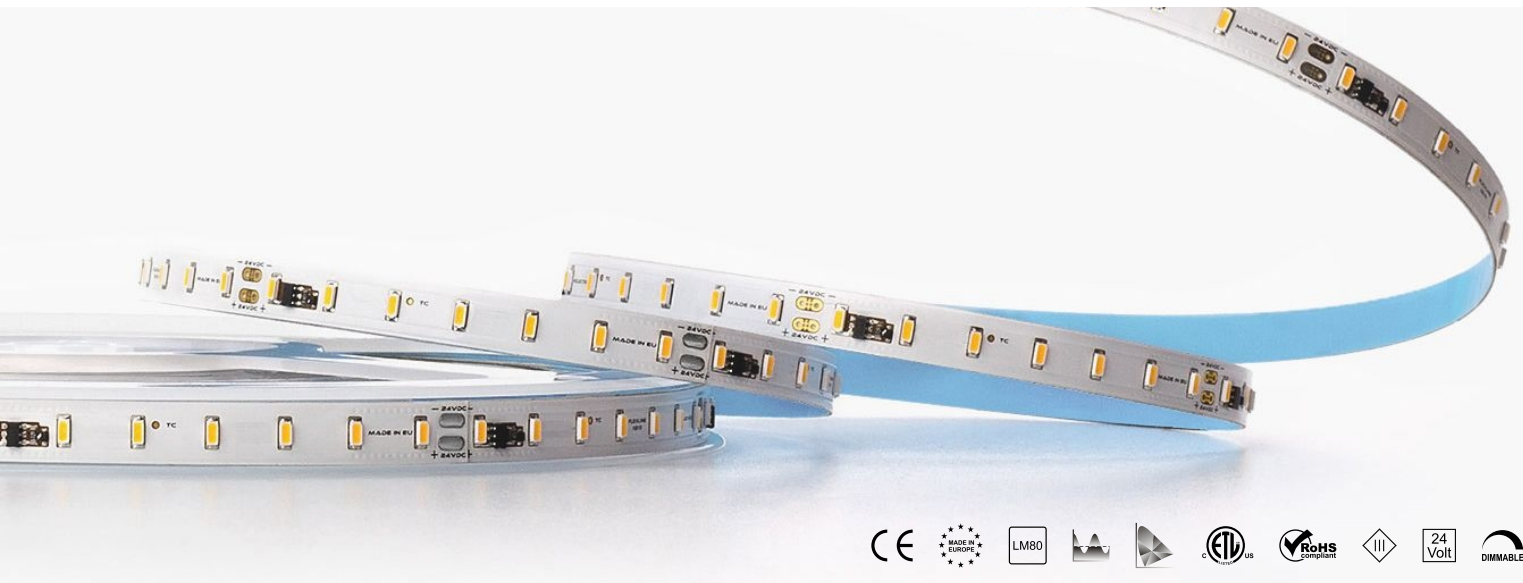


# C112

STATIC WHITE



## MONOFLEX-C112

A flexible linear LED tape manufactured using a durable copper PCB with on-board constant current integrated circuit (IC) ensuring precise current control, whilst Schottky diodes protect against reverse polarity.

High quality LEDs from Osram and Lumileds ensure high performance, whilst single bin selection and 3-step MacAdam colour consistency deliver imperceptible colour and brightness variation.

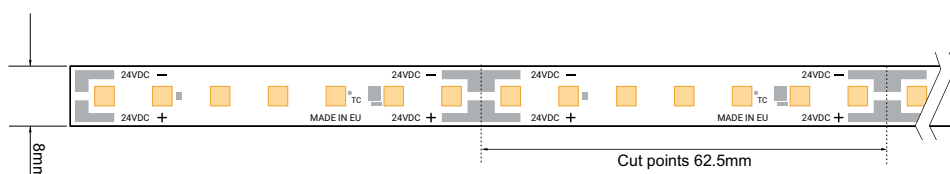
A thermally conductive adhesive tape guarantees perfect heat transfer to the profile. Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

## FEATURES

- // Osram & Lumiled LEDs
- // 24vdc input voltage (SELV)
- // 112 LEDs/m - 62.5mm cutting steps
- // 9.6w /m / 19.2w/m
- // Up to 2382 lumens/m
- // 3 Step MacAdam LEDs
- // CRI  $\geq$ Ra80 /  $\geq$ Ra90
- // 8mm wide copper PCB with constant current IC
- // Schottky diodes for reverse polarity protection
- // Thermal conductive adhesive tape for better heat conduction

## TECHNICAL

<b>Input voltage:</b>	24VDC [22.5~25VDC]
<b>Current control:</b>	On-board integrated controller (IC)
<b>Reverse voltage protection:</b>	On-board Schottky diode
<b>Operating temperature (Ta):</b>	-25 °C ~ 50 °C
<b>PCB Temperature (Tc max):</b>	<75 °C
<b>Dimmable:</b>	PWM (Pulse-Width Modulation)
<b>Beam angle:</b>	120 (cosine)



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STATIC WHITE



## PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
C112	19	D4	827

## CRI 80+

	POWER	9	19		
SPECTRUM		9.6W/m	19.2W/m		
● 827	Osram	2700K	LUMENS/M	1191	2198
● 830	Osram	3000K		1291	2382
○ 840	Osram	4000K		1401	

## CRI 90+

	POWER	9	19		
SPECTRUM		9.6W/m	19.2W/m		
● 930	Lumileds	3000K	LUMENS/M	926	1712

### Disclaimer:

Technical data is subject to change without prior notice. The data provide represent typical values.  
Due to tolerances in the production of components and binning of LEDs, values for lumen output (Lm), colour temperature (CCT) and power (W/m) can vary up to 10%.  
Electrical and thermal variation also influences the performance characteristics of LEDs