

3528 240leds/m Performance Range

IP20 12V/24V Constant Voltage



Benefits

- High-intensity LED light source
- Linear separable LED strip on flexible printed circuit board with self-adhesive back

Applications

- General lighting
- Cove-Lighting
- Signage and illuminated advertising

Technical Operating Data

Product	Number of LEDs/M	Voltage V DC*	Power*	Radiance Angle °	IP Grade	Wavelength nm CCT K*	CRI Ra*	Flux/M Lm*
EL-3528-240D-WW	240	12V	24W	120	20	3000K	>70	1340
EL-3528-240D-DW	240	24V	24W	120	20	4000K	>70	1440
EL-3528-240D-DW	240	12V	24W	120	20	4200K	>70	1550
EL-3528-240D-PW	240	24V	24W	120	20	6500K	>70	1600

*) All Data are related to the entire product

Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

Technical Features

- Size of printed circuit board (L x W x H): 5000 mm x 10 mm x 2 ounce
- Length: 5 meters
- Smallest unit of 3 LEDs can be cut out at regular intervals without damaging the rest of the product
- Connection possible at the reel end or at the marked cut points
- LM80 approved
- Linear LED tape light on flexible printed circuit board with **3M** self-adhesive back
- LM80 approved LED
- 2-year limited warranty
- Up to 50,000 hrs lifetime for
- T_c<70°C UV, IR ray free



Minimum and Maximum Ratings

Operating Temperature at Tc point °C*	Storage Temperature °C *	Voltage Range V DC*	Reverse Voltage V DC*
-20 ~ 70	-20 ~ 70	23~ 25	25

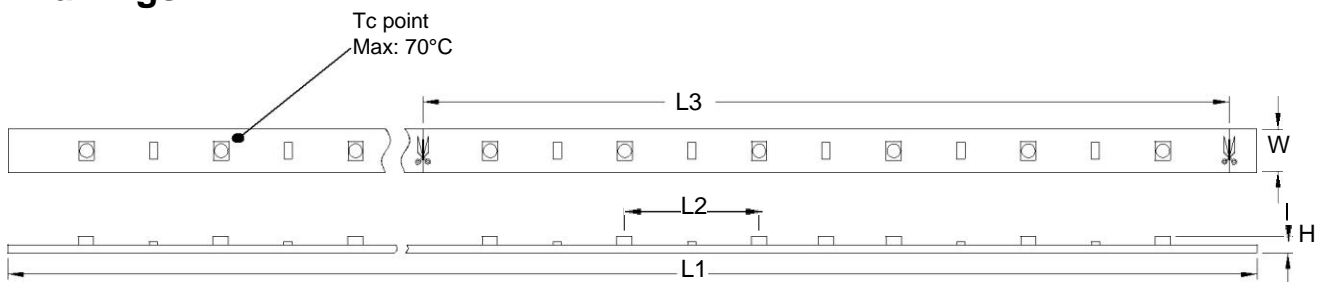
*) Exceeding maximum ratings for operating and storage temperature will reduce expected lifetime or destroy the product.

Exceeding maximum ratings for operating voltage will cause hazardous overload and will likely destroy the product.

The temperature of the LED module must be measured at the Tc-point according to EN60598-1 in a thermally constant status with a temperature sensor or a temperature sensitive label. For exact location of the Tc-point, please refers to below drawing.

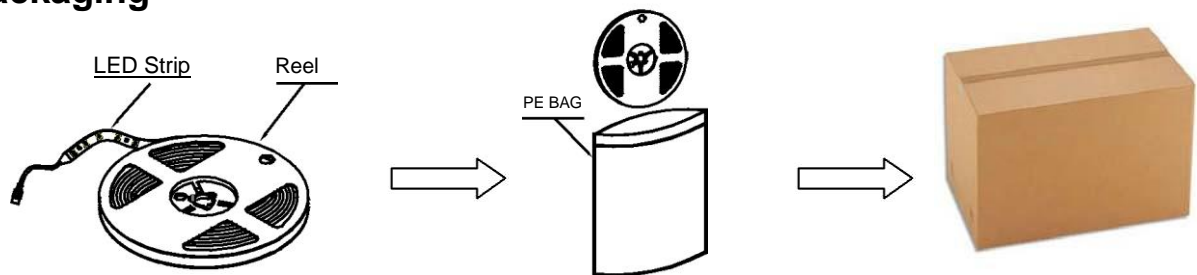
In any condition, if the actual Tc exceed maximum operating temperature at Tc-point 70°C will void all warranties.

Drawings



Whole Length L1 mm	Distance between LEDs L2 mm	Length per unit L3 mm	Width W mm	Height H ounce
5000	4.2	25	10	2

Packaging



Length/Reel M	Quantity/carton Reel	Size of Carton L x W x H mm	Net Weight KG	Gross Weight KG
5	50	500*280*350	10	10