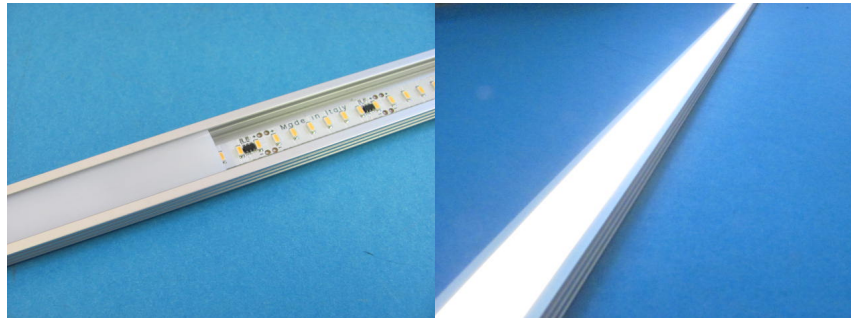


## STRIPS LED RAILWAY



(ONLY FOR EXAMPLE)

### General Information

The LED strip emitters uses the latest generation of high efficiency and excellent color rendering. The LEDs (3030) are mounted on a support line from IMS (Insulate Metal Substrate), with its own current control on board (the strip must still be mounted on a heatsink support).

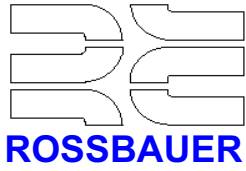
The strip are arranged to be connected in series so as to form a continuous light beam of the required length. The main features are: no UV, low footprint in width and height, low power consumption, high reliability, high life, stability of flux emitted in all conditions.

The strip has been developed in accordance with the European standards:

EN 50155	<i>Railways applications – Electronic equipment used on rolling stock</i>
EN 50121-3-2	<i>Railways applications – Electromagnetic compatibility</i>
EN 61373	<i>Shock and vibration requirements for rolling stock equipment.</i>
EN 13272	<i>Electrical lighting for rolling stock in public transport systems</i>

### Technical data

Power supply	24Vdc (range 16,8-30Vdc)
Rated power	5,4 W @ 24Vdc x L.400mm 8 W @ 24Vdc x L.600mm 16 W @ 24Vdc x L.1200mm
Protections:	Diode against polarity inversion - Transient suppressor - Fuse
Color temperature (CCT)	3000K ± 300K (Warm White)
Luminous flux	800lm @ 24Vdc x L.400mm 1200lm @ 24Vdc x L.600mm 2400lm @ 24Vdc x L.1200mm
Angle of radiation	120°
CRI (Color Rendering Index)	> 80
MTBF from LM80 Test report (mission profile 15h/day)	238.000h @ 55°C / 65mA
Working temperature range	-35 ÷ +80°C
Insulation resistance	> 10MΩ @ 500Vdc
Basic dimensions (L,W,H)	300 x 28 x 1,6 mm 100 x 28 x 1,6 mm
Weight:	L.400mm ≈ 56 grams L.600mm ≈ 84 grams L.1200mm ≈ 168 grams



## ROSSBAUER S.R.L. ELETTRONICA

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