

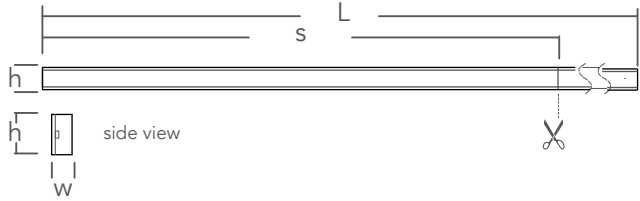
Flexible NEO Strip
7.5W 24V IP66

PRODUCT HIGHLIGHTS

- ~ Water resistant LED flexible strip provides high quality and homogeneous light in a low profile package
- ~ High quality LED 2835 chips used with a rated power of 7.5W/m with up to 283 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Narrowest LED flexible strip with 4 mm width
- ~ LED pitch of 7.14 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 7 LEDs
- ~ Top lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip NEO 7.5W 24V IP66
Rated Power	7.5W/m
Operating Voltage	24V DC
Operating Current Per Reel	1.88 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 4 x 8 mm
Step Length (s)	50 mm
LED Pitch	7.14 mm
Number of LEDs	140 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP66
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours



LIGHT CHARACTERISTICS

Product Reference	LDSTR NEO 7.5W/24V/GW/IP66	LDSTR NEO 7.5W/24V/WW/IP66	LDSTR NEO 7.5W/24V/NW/IP66	LDSTR NEO 7.5W/24V/DL/IP66
Luminous Flux	252 lm/m	252 lm/m	283 lm/m	283 lm/m
Luminous Efficiency	34 lm/W	34 lm/W	38 lm/W	38 lm/W
Beam Angle	120°	120°	120°	120°
Colour Name	Gold White	Warm White	Neutral White	Daylight
Colour Temperature (CCT)	2'700 K	3'000 K	4'000 K	6'500 K
CRI	> 90	> 90	> 90	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C. The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar. Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles. Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used. Only a skilled person is allowed to install the strip according to valid instructions and norms. Be aware of ESD during mounting and installation. Mechanical stress of the strip is to be avoided. Not respecting the polarity will result in irreversible damage to the LED strip.