

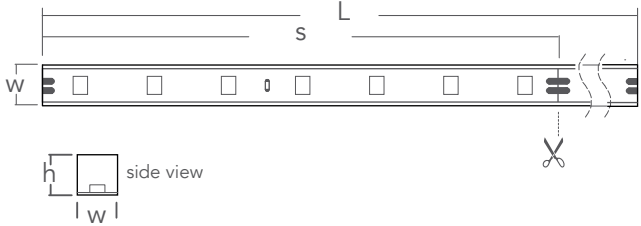
**Flexible NEO Strip
10W 24V IP66**

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 10W/m with up to 1'120 lm/m
- ~ Perfect solution for wet location environments such as decks, architectural accents, landscape lighting
- ~ Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape
- ~ LED pitch of 7.14 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 7 LEDs
- ~ 3 sided lighting
- ~ No UV or IR emissions. Certified: CE/ RoHS

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip NEO 10W 24V IP66
Rated Power	10W/m
Operating Voltage	24V DC
Operating Current Per Reel	2.50 A
LED Type	SMD 2835
Dimensions (L x w x h)	6'000 x 10 x 10 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 10W/24V/GW/IP66	LDSTR NEO 10W/24V/WW/IP66	LDSTR NEO 10W/24V/NW/IP66	LDSTR NEO 10W/24V/DL/IP66
Luminous Flux	1'000 lm/m	1'000 lm/m	1'120 lm/m	1'120 lm/m
Luminous Efficiency	100 lm/W	100 lm/W	112 lm/W	112 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.