

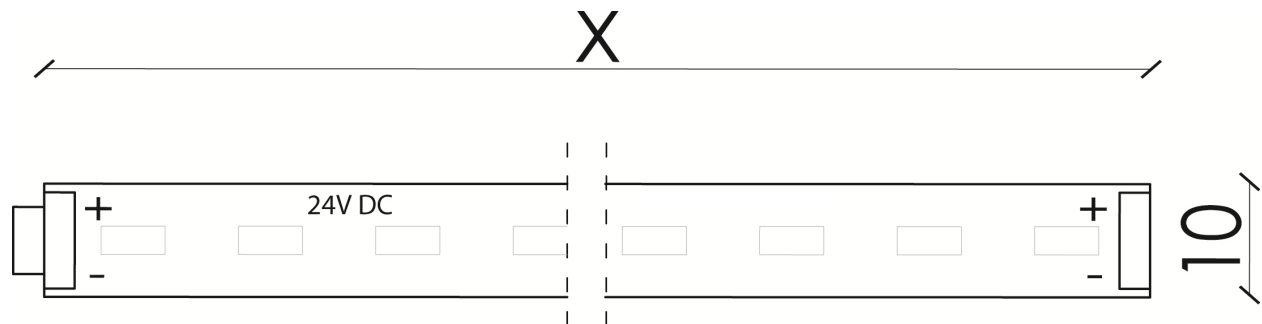
- **3990 [lm/m]** for 4000K light temp.
- **Uniform light Line**, without dots , when used in ALU profiles with “milky” diffusers
- High **CRI >80**
- Available white light in **CCT: 2700K - 6500K**
- **4 different module lengths:**
80mm, 160mm, 240mm, 400mm
- **Easy connection** – No soldering, no dedicated connectors on cables
- **Long light lines** – possibility of edge connection between modules
- **Protection** : wrong polarization, overvoltage
- **They match popular ALU profiles** – 10mm width, and Total power optimized for standard available ALU profiles to avoid LED overheating
- **3 years warranty**

Wide variety of available white light temperatures (2700K-6500K), high CRI factor, small dimensions, easy cable connection (without soldering) and edge connect possibility, make NIX a good choice for applications requiring light with a high beam /CRI and reliability like:

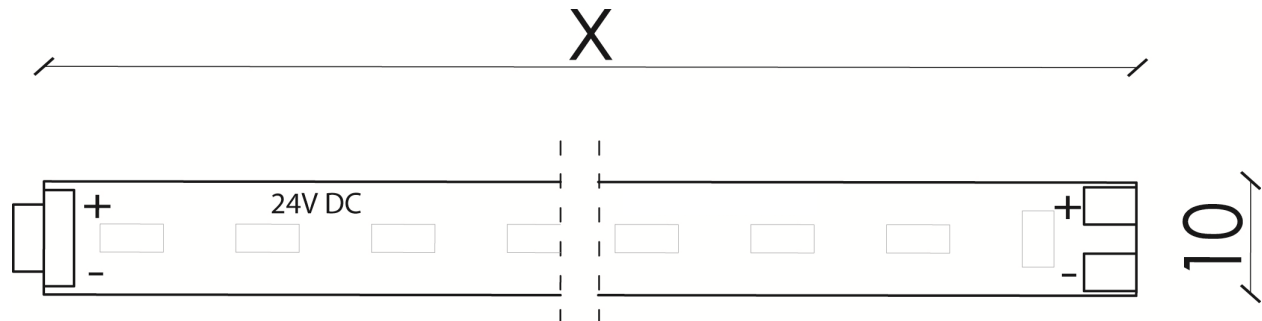
- Main illumination
- Suspended ceiling lighting
- Long light lines
- Furniture lighting In kitchen
- Show-case lighting
- Exhibitors lighting
- Shelf/cabinet lighting

LED modules dimensions [mm]:

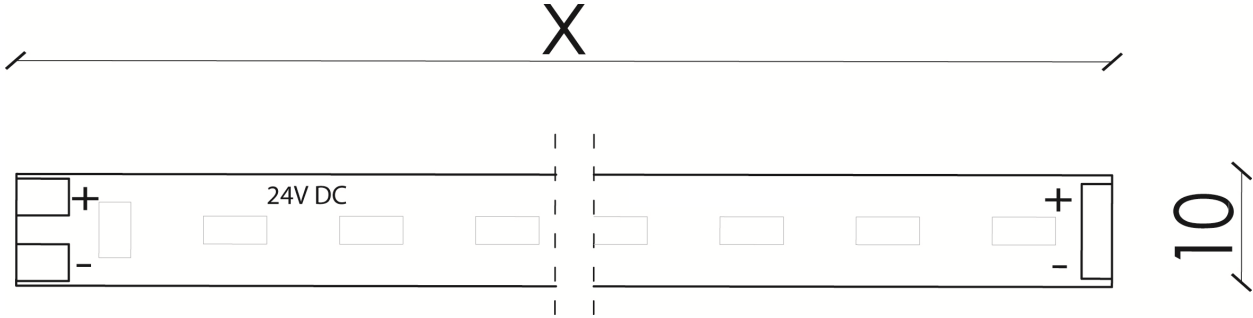
Connector's configuration KM-KZ : Male edge connector– female edge connector



Connector's configuration KM-P male edge connector – wire connector



Connector's configuration P-KZ : wire connector – female edge connector



X - dimensions – check tables below

Technical data :



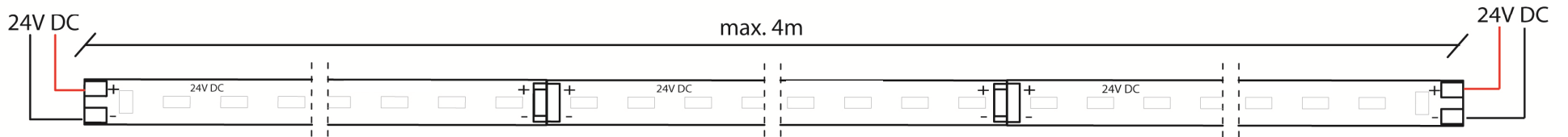
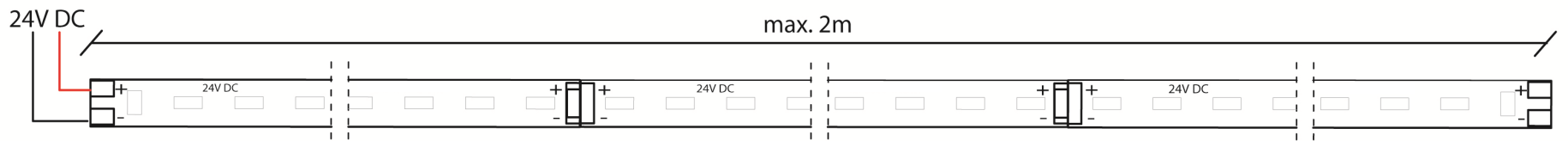
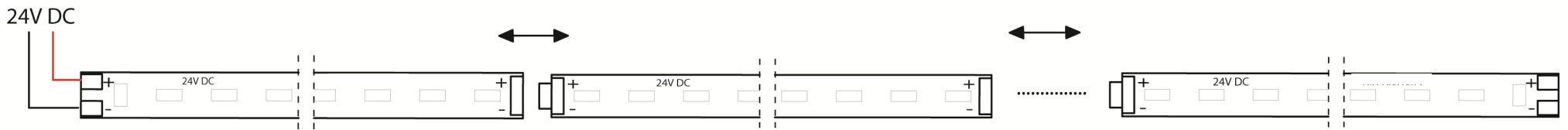
**require to be mounted on ALU profiles / heat sinks or any other surface
dissipating heat. in the module and surface contact place heat conductive glue / paste /
tape must be used.**



		N8	N16	N24	N40	for 1m
LED's number :		7	14	21	35	88
Max. power [W]:		3,1	6,3	9,4	15,7	39,4
Luminous intensity [lm]:	2700K, 3000K, 3500K	297,9	595,7	893,6	1489,3	3744,4
	4000K, 5000K, 6500K	317,5	634,9	952,4	1587,3	3990,8
Light efficiency [lm/W]:	2700K, 3000K, 3500K	95,0				
	4000K, 5000K, 6500K	101,3				
CRI:	2700K, 3000K, 3500K	>80				
	4000K, 5000K, 6500K	>80				
Power Supply [VDC]:		24				
Current consumption [A]:		0,13	0,26	0,39	0,65	1,6
Max. Working temp [°C]: (for ambient temp. Ta = 25°C, module mounted on a heat dissipating surface)		60				
Life time [h]: (ambient temp. Ta = 25°C, module mounted on a heat dissipating surface)		50 000				

Beam angle[°]:		120				
Connector's configuration	<i>P-KZ</i>	Wire connector – female edge connector				
	<i>KM-KZ</i>	Male edge connector – female edge connector				
	<i>KM-P</i>	Male edge connector – wire connector				
dimensions X[mm] :		80	160	240	400	1000
Wires	<i>type</i>	stranded				
	<i>Cross section [mm2]</i>	0,5				
	<i>Outer diameter[mm]</i>	2,1				
Minimal thermal conductivity of thermal glue / paste / tape [W/mK]		0,9				
Max length of an edge connected modules [m]:		2				

Connection schematics:



Electrical connection schematics:

