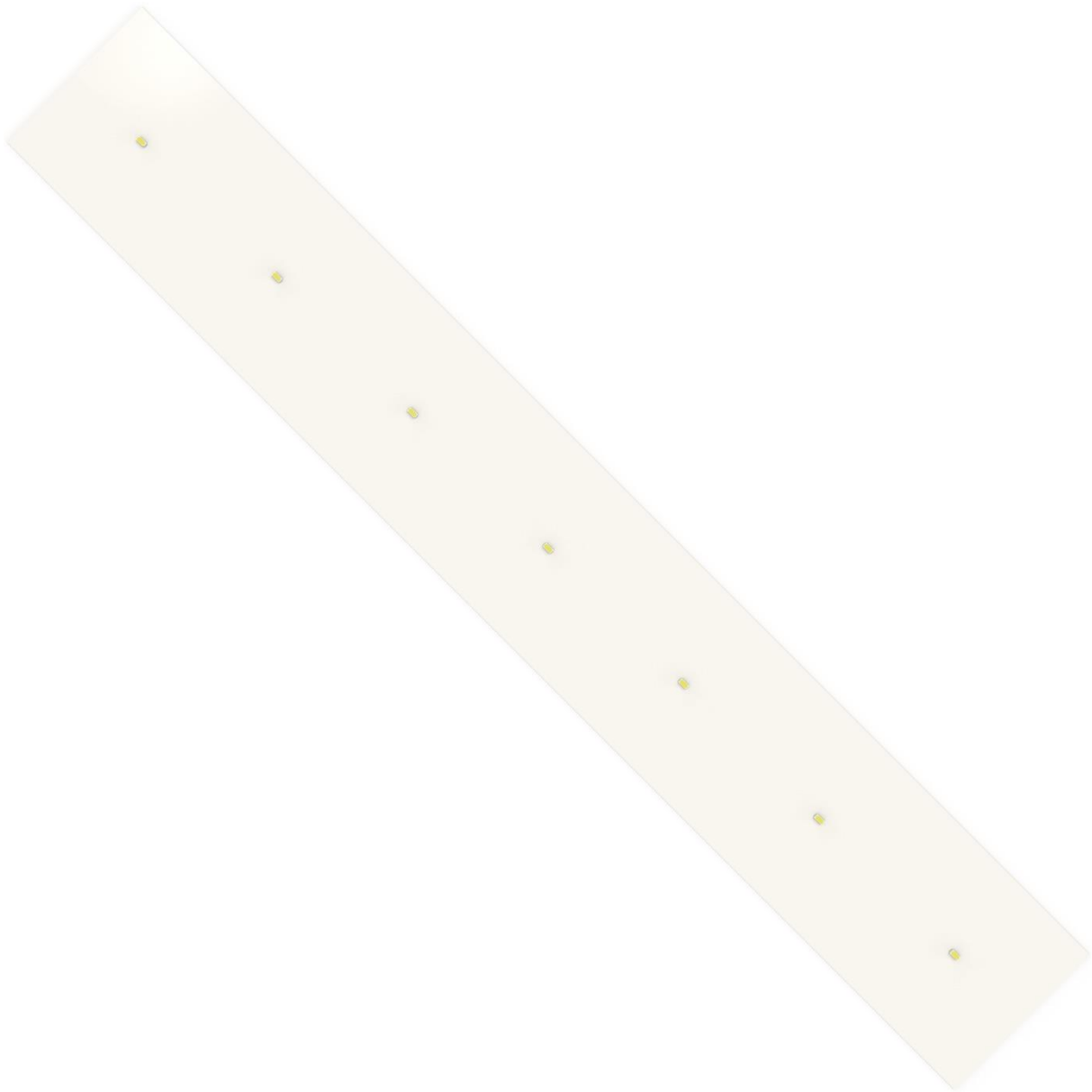


Paper-Flex, LED-Strip, 7 LEDs, 50x350 mm,  
2700 K, 24 V, R2R

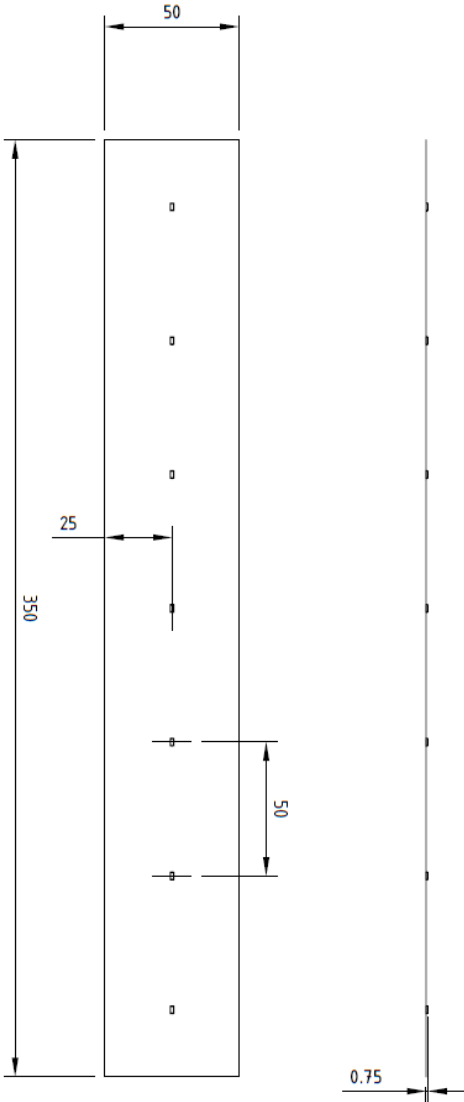


**TECHNICAL DATA**

LUMITRONIX Article	35942
Customer Article No.	-
Article Description	Paper-Flex, LED-Strip, 7 LEDs, 50x350 mm, 2700 K, 24 V, R2R
Photometric Characteristics (@ T <sub>j</sub> = 65°C, ± 10%)	
Light Colour	Warm white
Binning	3-Step Mac Adam
Colour Temperature [K]	2700
Dominant Wavelength [nm]	-
Luminous Flux [lm]	55
Radiation Power [mW]	-
CRI [Ra]	>80
Efficacy [lm/W]	139
Radiation Angle FWHP	120°
Lifetime L80B50C1 [h]	>60.000
Photometric Code	-
Electrical Characteristics (@ T <sub>j</sub> = 65°C, ± 10%)	
Operation Mode	Constant Voltage
Voltage [V]	24
Current [mA]	15
Power [W]	0,36
Dimmability	yes
Dimensions / Mechanical Characteristics	
Length [mm]	350
Width [mm]	50
Height [mm]	0,75
Weight [g]	-
LED Number	7
Heat Dissipation	-
Temperatures	
Operating Temperature at T <sub>c</sub>	-40°C to +65°C
Ambient Temperature	-40°C to +50°C
Storage Temperature	-40°C to +65°C
Certification	
CE / RoHS / Reach	yes
EN 62471 Risk Group	RG1
Energy Efficiency Class	A++
Energy Efficiency Index	0,04
Version	
Date	24.March.2020



**DRAWING**



## **SAFETY INSTRUCTIONS**

The LED-Modules and all its components must not be mechanically stressed.

Avoid excessive stress e.g. by screws or strong bending.

The LED-Modules must not come into contact with aggressive, chemical substances, both during operation and in storage.

When installing the module (including power supply) all relevant electrical and safety standards have to be taken into account.

Make sure to apply ESD precautions when handling the modules.

- The components on the modules must not be mechanically stressed.
- The copper traces on the modules must not be damaged or disrupted at any time.
- Store and operate the modules only at an air humidity of 10% to 60%.

Our modules do not contain any protection against overload, over temperature or short circuits unless otherwise noted. For safe and reliable operation of the modules an electrical stabilized power supply with built in protection has to be used. When using a power supply that's not sold by us make sure that the following precautions are ensured by the power supply:

## **MINIMUM REQUIREMENTS FOR POWER SUPPLIES**

Short circuit protection • overload protection • over temperature protection

- The installation of LED-Modules (including power supply) has to be done by a certified electrician following all electrical and safety standards.

## **IF YOU HAVE ANY QUESTIONS WE WOULD BE PLEASED TO HELP**

LUMITRONIX® is your partner in light emitting diodes, LED products and light measurement.

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