LEDlink

micron12V-S

LED MODULES

angle 120°
version 20 mm
the possibility of soldering
additional modules

SHALL LETTERS SPATIAL

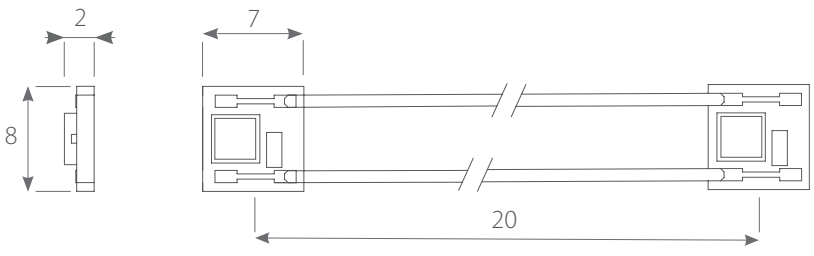
CUSTOM APPLICATIONS

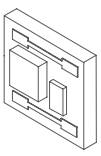
SAMSUNG LED

Typical applications: letters made of Plexiglass | custom applications

Micron$_{12V-S}$ modules have been specially designed for transparent and small projects. They can be placed in milled grooves and illuminate the front of the letter from behind. The modules can be mounted on a back wall as shown in the drawing. Thanks to the beam angle of 120°, even very shallow systems can be illuminated homogeneously from approx. 30 mm. The modules can be soldered from both sides thanks to their special design. Cable length can be adjusted according to customer needs. It is possible to connect up to 50 modules in series.

DIMENSION [mm]





DC 12V

3 years warranty

50 000h

CE

Distributor:
BAKALE lighting
www.bakale.pl
website

www.ledlink.pl
info@ledlink.pl
website

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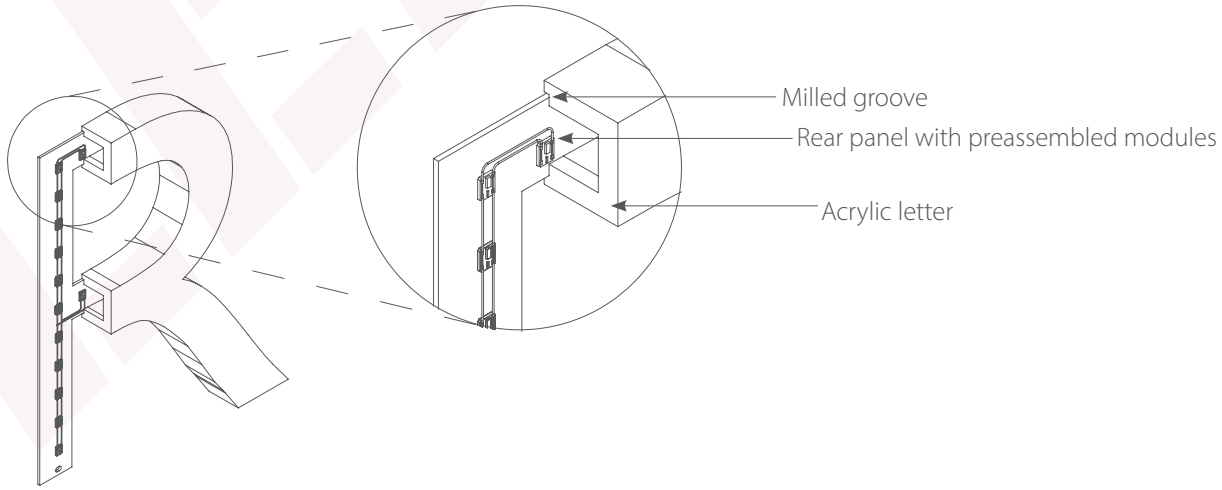
TECHNICAL DATA

Typ	micron 12V-S				
	W65K	W50K	W40K	W35K	W30K
Symbol	M113171	M113141	M113131	M113121	M113111
Color	white 6500K	white 5000K	white 4000K	white 3500K	white 3000K
Voltage [V DC]	12	12	12	12	12
Current [mA]	10	10	10	10	10
Power consumption [W]	0,12	0,12	0,12	0,12	0,12
Luminous flux [lm]	13	13	13	13	13
Light output [lm/W]	105	105	105	105	105
Colour rendering index (CRI)	80	80	80	80	80
Beam angle [°]	120	120	120	120	120
Degree of protection	IP20	IP20	IP20	IP20	IP20
Version [mm]	20	20	20	20	20
Operating temperature [°C]	-20 - +60	-20 - +60	-20 - +60	-20 - +60	-20 - +60
LEDs	SAMSUNG	SAMSUNG	SAMSUNG	SAMSUNG	SAMSUNG
Max. Number of modules in series [pcs.]	50	50	50	50	50
Lifetime [h]	50.000	50.000	50.000	50.000	50.000
Warranty [mc]	36	36	36	36	36
Packing [pcs.]	50	50	50	50	50

* the given parameters refer to the CRI80 version.
** other available color temperatures:
white 2700K, 5700K
*** CRI90 available by request

APPLICATION EXAMPLE

Illumination of acrylic letters



Note:
Products that are designed for milled grooves, full acrylic letters, etc. are not suitable for potting in every case or in every combination.
It depends on the area of application, type of liquid, conditions, etc.
That is why we do not issue proof of suitability and there is still the customer's risk of encapsulating with silicone, etc. the products.