

Perfect lighting. A perfect fit.

Flexible LED strips in pure white

- Can be cut to any length: Free-Cut technology for a perfect fit, without predefined cut points
- Evenly lit: A continuous line of light with no visible LED hotspots
- For harsh environments: Fully potted, shock and vibration resistant design with IP68 protection rating
- Versatile integration options: Flexible installation in straight and curved applications



IP68

ifm – close to you!

Illuminated area length [mm]	Max. current consumption [mA]	Luminous flux [lm]	Order no.
250	125	288	**DV3100**
500	250	577	**DV3101**
750	375	865	**DV3102**
1000	500	1155	**DV3103**
2000	1000	2310	**DV3104**

Light that adapts to the machine

Standard LED strips can only be cut at fixed intervals. The installation length therefore depends on the strip. Free-Cut technology, on the other hand, does not use such a grid: the strip can be cut to length with millimetre precision, and the cut end can be sealed with an end cap, which is available as accessory. The continuous line of light, with no visible individual points, remains the same regardless of the length.

Straight or bent installation

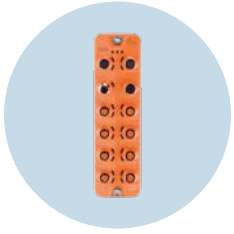
The flexible design allows for both straight and bent installation. Thanks to the optional use of aluminium profiles, the installation is quick and secure. This means that even hard-to-reach areas can be illuminated with minimal shadows. With a light yield of up to 1,155 lm/m, these LED strips are suitable for machine lighting, workplace lighting and industrial applications.

For harsh industrial environments

The robust, fully potted design with protection rating IP68 ensures reliable operation even in harsh industrial environments. The LED strips are resistant to moisture, dust and mechanical stress caused by impacts and vibrations.

Common technical data		
Operating voltage	[V DC]	21.6...26.4
Colour temperature	[K]	6500
Typical life cycle	[h]	60000
Ambient temperature	[°C]	-20...45
Housing material		TPU
Protection rating		IP68

BEST FRIENDS



I/O modules
Direct connection of sensors to the fieldbus



IO-Link master
Field-compatible masters with PROFINET interface



Control unit for LED strips
Versatile control of RGBW LEDs via IO-Link

For further technical details, please visit: ifm.com/fs/DV3100

We reserve the right to make technical alterations without prior notice. · 11.2026
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